



Solve the following problems using the order of operations.

Remember**Step 1:** Parenthesis ()

Solve all problems in parenthesis FIRST.

Step 2: Exponents ^{2,3,4}

Next solve any numbers that have exponents.

Step 3: Multiply or Divide \times, \div

Then solve any multiplication or division problems (going from left to right).

Step 4: Add or Subtract $+, -$

Finally solve any addition or subtraction problems (going from left to right).

1) $21 \div 3 + (3 \times 9) \times 9 + 5$

2) $18 \div 6 \times (4 - 3) + 6$

3) $14 - 8 + 3 + 8 \times (24 \div 8)$

4) $4 \times 5 + (14 + 8) - 36 \div 9$

5) $(17 - 7) \times 6 + 2 + 56 - 8$

6) $(28 \div 4) + 3 + (10 - 8) \times 5$

7) $12 - 5 + 6 \times 3 + 20 \div 4$

8) $36 \div 9 + 48 - 10 \div 2$

9) $10 + 8 \times 90 \div 9 - 4$

10) $8 \times 3 + 70 \div 7 - 7$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
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- Step 3:** Multiply or Divide \times, \div Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $21 \div 3 + (3 \times 9) \times 9 + 5$

Step 1: $(3 \times 9) = 27$ $21 \div 3 + 27 \times 9 + 5$

Step 2: $21 \div 3 = 7$ $7 + 27 \times 9 + 5$

Step 3: $27 \times 9 = 243$ $7 + 243 + 5$

Step 4: $7 + 243 = 250$ $250 + 5$

Step 5: $250 + 5 = 255$ 255

2) $18 \div 6 \times (4 - 3) + 6$

Step 1: $(4 - 3) = 1$ $18 \div 6 \times 1 + 6$

Step 2: $18 \div 6 = 3$ $3 \times 1 + 6$

Step 3: $3 \times 1 = 3$ $3 + 6$

Step 4: $3 + 6 = 9$ 9

3) $14 - 8 + 3 + 8 \times (24 \div 8)$

Step 1: $(24 \div 8) = 3$ $14 - 8 + 3 + 8 \times 3$

Step 2: $8 \times 3 = 24$ $14 - 8 + 3 + 24$

Step 3: $14 - 8 = 6$ $6 + 3 + 24$

Step 4: $6 + 3 = 9$ $9 + 24$

Step 5: $9 + 24 = 33$ 33

4) $4 \times 5 + (14 + 8) - 36 \div 9$

Step 1: $(14 + 8) = 22$ $4 \times 5 + 22 - 36 \div 9$

Step 2: $4 \times 5 = 20$ $20 + 22 - 36 \div 9$

Step 3: $36 \div 9 = 4$ $20 + 22 - 4$

Step 4: $20 + 22 = 42$ $42 - 4$

Step 5: $42 - 4 = 38$ 38

5) $(17 - 7) \times 6 + 2 + 56 - 8$

Step 1: $(17 - 7) = 10$ $10 \times 6 + 2 + 56 - 8$

Step 2: $10 \times 6 = 60$ $60 + 2 + 56 - 8$

Step 3: $60 + 2 = 62$ $62 + 56 - 8$

Step 4: $62 + 56 = 118$ $118 - 8$

Step 5: $118 - 8 = 110$ 110

6) $(28 \div 4) + 3 + (10 - 8) \times 5$

Step 1: $(28 \div 4) = 7$ $7 + 3 + (10 - 8) \times 5$

Step 2: $(10 - 8) = 2$ $7 + 3 + 2 \times 5$

Step 3: $2 \times 5 = 10$ $7 + 3 + 10$

Step 4: $7 + 3 = 10$ $10 + 10$

Step 5: $10 + 10 = 20$ 20

7) $12 - 5 + 6 \times 3 + 20 \div 4$

Step 1: $6 \times 3 = 18$ $12 - 5 + 18 + 20 \div 4$

Step 2: $20 \div 4 = 5$ $12 - 5 + 18 + 5$

Step 3: $12 - 5 = 7$ $7 + 18 + 5$

Step 4: $7 + 18 = 25$ $25 + 5$

Step 5: $25 + 5 = 30$ 30

8) $36 \div 9 + 48 - 10 \div 2$

Step 1: $36 \div 9 = 4$ $4 + 48 - 10 \div 2$

Step 2: $10 \div 2 = 5$ $4 + 48 - 5$

Step 3: $4 + 48 = 52$ $52 - 5$

Step 4: $52 - 5 = 47$ 47

9) $10 + 8 \times 90 \div 9 - 4$

Step 1: $8 \times 90 = 720$ $10 + 720 \div 9 - 4$

Step 2: $720 \div 9 = 80$ $10 + 80 - 4$

Step 3: $10 + 80 = 90$ $90 - 4$

Step 4: $90 - 4 = 86$ 86

10) $8 \times 3 + 70 \div 7 - 7$

Step 1: $8 \times 3 = 24$ $24 + 70 \div 7 - 7$

Step 2: $70 \div 7 = 10$ $24 + 10 - 7$

Step 3: $24 + 10 = 34$ $34 - 7$

Step 4: $34 - 7 = 27$ 27

Answers

1. 255

2. 9

3. 33

4. 38

5. 110

6. 20

7. 30

8. 47

9. 86

10. 27



Solve the following problems using the order of operations.

Remember

- | | |
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| Step 3: Multiply or Divide \times, \div | Then solve any multiplication or division problems (going from left to right). |
| Step 4: Add or Subtract $+, -$ | Finally solve any addition or subtraction problems (going from left to right). |

Answers

1) $30 \div 5 + (5 \times 6) \times 19 + 4$

2) $35 \div 7 \times (7 - 4) + 2$

3) $3 - 2 + 3 + 7 \times (16 \div 8)$

4) $5 \times 2 + (11 + 8) - 18 \div 9$

5) $(11 - 8) \times 3 + 7 + 27 - 3$

6) $(12 \div 3) + 3 + (16 - 7) \times 4$

7) $10 - 7 + 9 \times 5 + 28 \div 4$

8) $6 \div 3 + 24 - 25 \div 5$

9) $4 + 2 \times 18 \div 6 - 9$

10) $8 \times 3 + 40 \div 5 - 8$

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____



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Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
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- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $30 \div 5 + (5 \times 6) \times 19 + 4$

Step 1: $(5 \times 6) = 30$ $30 \div 5 + 30 \times 19 + 4$

Step 2: $30 \div 5 = 6$ $6 + 30 \times 19 + 4$

Step 3: $30 \times 19 = 570$ $6 + 570 + 4$

Step 4: $6 + 570 = 576$ $576 + 4$

Step 5: $576 + 4 = 580$ 580

2) $35 \div 7 \times (7 - 4) + 2$

Step 1: $(7 - 4) = 3$ $35 \div 7 \times 3 + 2$

Step 2: $35 \div 7 = 5$ $5 \times 3 + 2$

Step 3: $5 \times 3 = 15$ $15 + 2$

Step 4: $15 + 2 = 17$ 17

3) $3 - 2 + 3 + 7 \times (16 \div 8)$

Step 1: $(16 \div 8) = 2$ $3 - 2 + 3 + 7 \times 2$

Step 2: $7 \times 2 = 14$ $3 - 2 + 3 + 14$

Step 3: $3 - 2 = 1$ $1 + 3 + 14$

Step 4: $1 + 3 = 4$ $4 + 14$

Step 5: $4 + 14 = 18$ 18

4) $5 \times 2 + (11 + 8) - 18 \div 9$

Step 1: $(11 + 8) = 19$ $5 \times 2 + 19 - 18 \div 9$

Step 2: $5 \times 2 = 10$ $10 + 19 - 18 \div 9$

Step 3: $18 \div 9 = 2$ $10 + 19 - 2$

Step 4: $10 + 19 = 29$ $29 - 2$

Step 5: $29 - 2 = 27$ 27

5) $(11 - 8) \times 3 + 7 + 27 - 3$

Step 1: $(11 - 8) = 3$ $3 \times 3 + 7 + 27 - 3$

Step 2: $3 \times 3 = 9$ $9 + 7 + 27 - 3$

Step 3: $9 + 7 = 16$ $16 + 27 - 3$

Step 4: $16 + 27 = 43$ $43 - 3$

Step 5: $43 - 3 = 40$ 40

6) $(12 \div 3) + 3 + (16 - 7) \times 4$

Step 1: $(12 \div 3) = 4$ $4 + 3 + (16 - 7) \times 4$

Step 2: $(16 - 7) = 9$ $4 + 3 + 9 \times 4$

Step 3: $9 \times 4 = 36$ $4 + 3 + 36$

Step 4: $4 + 3 = 7$ $7 + 36$

Step 5: $7 + 36 = 43$ 43

7) $10 - 7 + 9 \times 5 + 28 \div 4$

Step 1: $9 \times 5 = 45$ $10 - 7 + 45 + 28 \div 4$

Step 2: $28 \div 4 = 7$ $10 - 7 + 45 + 7$

Step 3: $10 - 7 = 3$ $3 + 45 + 7$

Step 4: $3 + 45 = 48$ $48 + 7$

Step 5: $48 + 7 = 55$ 55

8) $6 \div 3 + 24 - 25 \div 5$

Step 1: $6 \div 3 = 2$ $2 + 24 - 25 \div 5$

Step 2: $25 \div 5 = 5$ $2 + 24 - 5$

Step 3: $2 + 24 = 26$ $26 - 5$

Step 4: $26 - 5 = 21$ 21

9) $4 + 2 \times 18 \div 6 - 9$

Step 1: $2 \times 18 = 36$ $4 + 36 \div 6 - 9$

Step 2: $36 \div 6 = 6$ $4 + 6 - 9$

Step 3: $4 + 6 = 10$ $10 - 9$

Step 4: $10 - 9 = 1$ 1

10) $8 \times 3 + 40 \div 5 - 8$

Step 1: $8 \times 3 = 24$ $24 + 40 \div 5 - 8$

Step 2: $40 \div 5 = 8$ $24 + 8 - 8$

Step 3: $24 + 8 = 32$ $32 - 8$

Step 4: $32 - 8 = 24$ 24

Answers

1. 580

2. 17

3. 18

4. 27

5. 40

6. 43

7. 55

8. 21

9. 1

10. 24



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- Step 3:** Multiply or Divide ×, ÷ Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract +, - Finally solve any addition or subtraction problems (going from left to right).

1) $48 \div 6 + (5 \times 6) \times 13 + 6$

2) $54 \div 6 \times (12 - 4) + 2$

3) $8 - 4 + 5 + 6 \times (60 \div 6)$

4) $9 \times 5 + (13 + 5) - 10 \div 2$

5) $(10 - 8) \times 7 + 6 + 16 - 4$

6) $(18 \div 3) + 6 + (14 - 8) \times 5$

7) $11 - 4 + 5 \times 7 + 48 \div 8$

8) $45 \div 9 + 12 - 9 \div 3$

9) $14 + 6 \times 9 \div 3 - 8$

10) $5 \times 7 + 12 \div 6 - 5$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve the following problems using the order of operations.

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- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
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- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $48 \div 6 + (5 \times 6) \times 13 + 6$

Step 1: $(5 \times 6) = 30$ $48 \div 6 + 30 \times 13 + 6$

Step 2: $48 \div 6 = 8$ $8 + 30 \times 13 + 6$

Step 3: $30 \times 13 = 390$ $8 + 390 + 6$

Step 4: $8 + 390 = 398$ $398 + 6$

Step 5: $398 + 6 = 404$ **404**

2) $54 \div 6 \times (12 - 4) + 2$

Step 1: $(12 - 4) = 8$ $54 \div 6 \times 8 + 2$

Step 2: $54 \div 6 = 9$ $9 \times 8 + 2$

Step 3: $9 \times 8 = 72$ $72 + 2$

Step 4: $72 + 2 = 74$ **74**

3) $8 - 4 + 5 + 6 \times (60 \div 6)$

Step 1: $(60 \div 6) = 10$ $8 - 4 + 5 + 6 \times 10$

Step 2: $6 \times 10 = 60$ $8 - 4 + 5 + 60$

Step 3: $8 - 4 = 4$ $4 + 5 + 60$

Step 4: $4 + 5 = 9$ $9 + 60$

Step 5: $9 + 60 = 69$ **69**

4) $9 \times 5 + (13 + 5) - 10 \div 2$

Step 1: $(13 + 5) = 18$ $9 \times 5 + 18 - 10 \div 2$

Step 2: $9 \times 5 = 45$ $45 + 18 - 10 \div 2$

Step 3: $10 \div 2 = 5$ $45 + 18 - 5$

Step 4: $45 + 18 = 63$ $63 - 5$

Step 5: $63 - 5 = 58$ **58**

5) $(10 - 8) \times 7 + 6 + 16 - 4$

Step 1: $(10 - 8) = 2$ $2 \times 7 + 6 + 16 - 4$

Step 2: $2 \times 7 = 14$ $14 + 6 + 16 - 4$

Step 3: $14 + 6 = 20$ $20 + 16 - 4$

Step 4: $20 + 16 = 36$ $36 - 4$

Step 5: $36 - 4 = 32$ **32**

6) $(18 \div 3) + 6 + (14 - 8) \times 5$

Step 1: $(18 \div 3) = 6$ $6 + 6 + (14 - 8) \times 5$

Step 2: $(14 - 8) = 6$ $6 + 6 + 6 \times 5$

Step 3: $6 \times 5 = 30$ $6 + 6 + 30$

Step 4: $6 + 6 = 12$ $12 + 30$

Step 5: $12 + 30 = 42$ **42**

7) $11 - 4 + 5 \times 7 + 48 \div 8$

Step 1: $5 \times 7 = 35$ $11 - 4 + 35 + 48 \div 8$

Step 2: $48 \div 8 = 6$ $11 - 4 + 35 + 6$

Step 3: $11 - 4 = 7$ $7 + 35 + 6$

Step 4: $7 + 35 = 42$ $42 + 6$

Step 5: $42 + 6 = 48$ **48**

8) $45 \div 9 + 12 - 9 \div 3$

Step 1: $45 \div 9 = 5$ $5 + 12 - 9 \div 3$

Step 2: $9 \div 3 = 3$ $5 + 12 - 3$

Step 3: $5 + 12 = 17$ $17 - 3$

Step 4: $17 - 3 = 14$ **14**

9) $14 + 6 \times 9 \div 3 - 8$

Step 1: $6 \times 9 = 54$ $14 + 54 \div 3 - 8$

Step 2: $54 \div 3 = 18$ $14 + 18 - 8$

Step 3: $14 + 18 = 32$ $32 - 8$

Step 4: $32 - 8 = 24$ **24**

10) $5 \times 7 + 12 \div 6 - 5$

Step 1: $5 \times 7 = 35$ $35 + 12 \div 6 - 5$

Step 2: $12 \div 6 = 2$ $35 + 2 - 5$

Step 3: $35 + 2 = 37$ $37 - 5$

Step 4: $37 - 5 = 32$ **32**

Answers1. **404**2. **74**3. **69**4. **58**5. **32**6. **42**7. **48**8. **14**9. **24**10. **32**



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Step 4: Add or Subtract $+, -$

Finally solve any addition or subtraction problems (going from left to right).

1) $24 \div 8 + (9 \times 2) \times 4 + 7$

2) $64 \div 8 \times (12 - 2) + 5$

3) $12 - 8 + 4 + 9 \times (40 \div 4)$

4) $5 \times 2 + (12 + 6) - 28 \div 4$

5) $(18 - 9) \times 4 + 8 + 35 - 5$

6) $(8 \div 4) + 3 + (14 - 8) \times 7$

7) $8 - 3 + 7 \times 6 + 12 \div 3$

8) $12 \div 2 + 18 - 60 \div 6$

9) $8 + 3 \times 24 \div 8 - 3$

10) $9 \times 2 + 90 \div 9 - 4$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

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1) $24 \div 8 + (9 \times 2) \times 4 + 7$

Step 1: $(9 \times 2) = 18$ $24 \div 8 + 18 \times 4 + 7$

Step 2: $24 \div 8 = 3$ $3 + 18 \times 4 + 7$

Step 3: $18 \times 4 = 72$ $3 + 72 + 7$

Step 4: $3 + 72 = 75$ $75 + 7$

Step 5: $75 + 7 = 82$ 82

2) $64 \div 8 \times (12 - 2) + 5$

Step 1: $(12 - 2) = 10$ $64 \div 8 \times 10 + 5$

Step 2: $64 \div 8 = 8$ $8 \times 10 + 5$

Step 3: $8 \times 10 = 80$ $80 + 5$

Step 4: $80 + 5 = 85$ 85

3) $12 - 8 + 4 + 9 \times (40 \div 4)$

Step 1: $(40 \div 4) = 10$ $12 - 8 + 4 + 9 \times 10$

Step 2: $9 \times 10 = 90$ $12 - 8 + 4 + 90$

Step 3: $12 - 8 = 4$ $4 + 4 + 90$

Step 4: $4 + 4 = 8$ $8 + 90$

Step 5: $8 + 90 = 98$ 98

4) $5 \times 2 + (12 + 6) - 28 \div 4$

Step 1: $(12 + 6) = 18$ $5 \times 2 + 18 - 28 \div 4$

Step 2: $5 \times 2 = 10$ $10 + 18 - 28 \div 4$

Step 3: $28 \div 4 = 7$ $10 + 18 - 7$

Step 4: $10 + 18 = 28$ $28 - 7$

Step 5: $28 - 7 = 21$ 21

5) $(18 - 9) \times 4 + 8 + 35 - 5$

Step 1: $(18 - 9) = 9$ $9 \times 4 + 8 + 35 - 5$

Step 2: $9 \times 4 = 36$ $36 + 8 + 35 - 5$

Step 3: $36 + 8 = 44$ $44 + 35 - 5$

Step 4: $44 + 35 = 79$ $79 - 5$

Step 5: $79 - 5 = 74$ 74

6) $(8 \div 4) + 3 + (14 - 8) \times 7$

Step 1: $(8 \div 4) = 2$ $2 + 3 + (14 - 8) \times 7$

Step 2: $(14 - 8) = 6$ $2 + 3 + 6 \times 7$

Step 3: $6 \times 7 = 42$ $2 + 3 + 42$

Step 4: $2 + 3 = 5$ $5 + 42$

Step 5: $5 + 42 = 47$ 47

7) $8 - 3 + 7 \times 6 + 12 \div 3$

Step 1: $7 \times 6 = 42$ $8 - 3 + 42 + 12 \div 3$

Step 2: $12 \div 3 = 4$ $8 - 3 + 42 + 4$

Step 3: $8 - 3 = 5$ $5 + 42 + 4$

Step 4: $5 + 42 = 47$ $47 + 4$

Step 5: $47 + 4 = 51$ 51

8) $12 \div 2 + 18 - 60 \div 6$

Step 1: $12 \div 2 = 6$ $6 + 18 - 60 \div 6$

Step 2: $60 \div 6 = 10$ $6 + 18 - 10$

Step 3: $6 + 18 = 24$ $24 - 10$

Step 4: $24 - 10 = 14$ 14

9) $8 + 3 \times 24 \div 8 - 3$

Step 1: $3 \times 24 = 72$ $8 + 72 \div 8 - 3$

Step 2: $72 \div 8 = 9$ $8 + 9 - 3$

Step 3: $8 + 9 = 17$ $17 - 3$

Step 4: $17 - 3 = 14$ 14

10) $9 \times 2 + 90 \div 9 - 4$

Step 1: $9 \times 2 = 18$ $18 + 90 \div 9 - 4$

Step 2: $90 \div 9 = 10$ $18 + 10 - 4$

Step 3: $18 + 10 = 28$ $28 - 4$

Step 4: $28 - 4 = 24$ 24

Answers

1. 82

2. 85

3. 98

4. 21

5. 74

6. 47

7. 51

8. 14

9. 14

10. 24



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Finally solve any addition or subtraction problems (going from left to right).

1) $54 \div 6 + (6 \times 3) \times 20 + 15$

2) $64 \div 8 \times (5 - 3) + 5$

3) $13 - 8 + 2 + 4 \times (15 \div 5)$

4) $8 \times 9 + (10 + 5) - 48 \div 8$

5) $(13 - 4) \times 6 + 2 + 49 - 7$

6) $(14 \div 2) + 9 + (16 - 9) \times 2$

7) $10 - 5 + 6 \times 2 + 54 \div 6$

8) $32 \div 4 + 40 - 60 \div 6$

9) $9 + 3 \times 16 \div 8 - 3$

10) $2 \times 4 + 28 \div 4 - 6$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

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- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $54 \div 6 + (6 \times 3) \times 20 + 15$

Step 1: $(6 \times 3) = 18$ $54 \div 6 + 18 \times 20 + 15$

Step 2: $54 \div 6 = 9$ $9 + 18 \times 20 + 15$

Step 3: $18 \times 20 = 360$ $9 + 360 + 15$

Step 4: $9 + 360 = 369$ $369 + 15$

Step 5: $369 + 15 = 384$ **384**

2) $64 \div 8 \times (5 - 3) + 5$

Step 1: $(5 - 3) = 2$ $64 \div 8 \times 2 + 5$

Step 2: $64 \div 8 = 8$ $8 \times 2 + 5$

Step 3: $8 \times 2 = 16$ $16 + 5$

Step 4: $16 + 5 = 21$ **21**

3) $13 - 8 + 2 + 4 \times (15 \div 5)$

Step 1: $(15 \div 5) = 3$ $13 - 8 + 2 + 4 \times 3$

Step 2: $4 \times 3 = 12$ $13 - 8 + 2 + 12$

Step 3: $13 - 8 = 5$ $5 + 2 + 12$

Step 4: $5 + 2 = 7$ $7 + 12$

Step 5: $7 + 12 = 19$ **19**

4) $8 \times 9 + (10 + 5) - 48 \div 8$

Step 1: $(10 + 5) = 15$ $8 \times 9 + 15 - 48 \div 8$

Step 2: $8 \times 9 = 72$ $72 + 15 - 48 \div 8$

Step 3: $48 \div 8 = 6$ $72 + 15 - 6$

Step 4: $72 + 15 = 87$ $87 - 6$

Step 5: $87 - 6 = 81$ **81**

5) $(13 - 4) \times 6 + 2 + 49 - 7$

Step 1: $(13 - 4) = 9$ $9 \times 6 + 2 + 49 - 7$

Step 2: $9 \times 6 = 54$ $54 + 2 + 49 - 7$

Step 3: $54 + 2 = 56$ $56 + 49 - 7$

Step 4: $56 + 49 = 105$ $105 - 7$

Step 5: $105 - 7 = 98$ **98**

6) $(14 \div 2) + 9 + (16 - 9) \times 2$

Step 1: $(14 \div 2) = 7$ $7 + 9 + (16 - 9) \times 2$

Step 2: $(16 - 9) = 7$ $7 + 9 + 7 \times 2$

Step 3: $7 \times 2 = 14$ $7 + 9 + 14$

Step 4: $7 + 9 = 16$ $16 + 14$

Step 5: $16 + 14 = 30$ **30**

7) $10 - 5 + 6 \times 2 + 54 \div 6$

Step 1: $6 \times 2 = 12$ $10 - 5 + 12 + 54 \div 6$

Step 2: $54 \div 6 = 9$ $10 - 5 + 12 + 9$

Step 3: $10 - 5 = 5$ $5 + 12 + 9$

Step 4: $5 + 12 = 17$ $17 + 9$

Step 5: $17 + 9 = 26$ **26**

8) $32 \div 4 + 40 - 60 \div 6$

Step 1: $32 \div 4 = 8$ $8 + 40 - 60 \div 6$

Step 2: $60 \div 6 = 10$ $8 + 40 - 10$

Step 3: $8 + 40 = 48$ $48 - 10$

Step 4: $48 - 10 = 38$ **38**

9) $9 + 3 \times 16 \div 8 - 3$

Step 1: $3 \times 16 = 48$ $9 + 48 \div 8 - 3$

Step 2: $48 \div 8 = 6$ $9 + 6 - 3$

Step 3: $9 + 6 = 15$ $15 - 3$

Step 4: $15 - 3 = 12$ **12**

10) $2 \times 4 + 28 \div 4 - 6$

Step 1: $2 \times 4 = 8$ $8 + 28 \div 4 - 6$

Step 2: $28 \div 4 = 7$ $8 + 7 - 6$

Step 3: $8 + 7 = 15$ $15 - 6$

Step 4: $15 - 6 = 9$ **9**

Answers1. **384**2. **21**3. **19**4. **81**5. **98**6. **30**7. **26**8. **38**9. **12**10. **9**



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- Step 2:** Exponents ^{2,3,4} Next solve any numbers that have exponents.
- Step 3:** Multiply or Divide ×, ÷ Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract +, - Finally solve any addition or subtraction problems (going from left to right).

Answers

1) $32 \div 8 + (8 \times 5) \times 8 + 13$

2) $18 \div 6 \times (7 - 5) + 6$

3) $11 - 3 + 5 + 4 \times (20 \div 4)$

4) $4 \times 5 + (11 + 8) - 18 \div 3$

5) $(10 - 2) \times 8 + 5 + 15 - 5$

6) $(18 \div 6) + 5 + (12 - 3) \times 8$

7) $12 - 3 + 9 \times 2 + 16 \div 2$

8) $10 \div 2 + 16 - 15 \div 3$

9) $12 + 6 \times 18 \div 2 - 5$

10) $6 \times 5 + 42 \div 6 - 7$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve the following problems using the order of operations.

Remember

- | | |
|--|--|
| Step 1: Parenthesis () | Solve all problems in parenthesis FIRST. |
| Step 2: Exponents ^{2,3,4} | Next solve any numbers that have exponents. |
| Step 3: Multiply or Divide \times, \div | Then solve any multiplication or division problems (going from left to right). |
| Step 4: Add or Subtract $+, -$ | Finally solve any addition or subtraction problems (going from left to right). |

1) $32 \div 8 + (8 \times 5) \times 8 + 13$

Step 1: $(8 \times 5) = 40$ $32 \div 8 + 40 \times 8 + 13$

Step 2: $32 \div 8 = 4$ $4 + 40 \times 8 + 13$

Step 3: $40 \times 8 = 320$ $4 + 320 + 13$

Step 4: $4 + 320 = 324$ $324 + 13$

Step 5: $324 + 13 = 337$ 337

2) $18 \div 6 \times (7 - 5) + 6$

Step 1: $(7 - 5) = 2$ $18 \div 6 \times 2 + 6$

Step 2: $18 \div 6 = 3$ $3 \times 2 + 6$

Step 3: $3 \times 2 = 6$ $6 + 6$

Step 4: $6 + 6 = 12$ 12

3) $11 - 3 + 5 + 4 \times (20 \div 4)$

Step 1: $(20 \div 4) = 5$ $11 - 3 + 5 + 4 \times 5$

Step 2: $4 \times 5 = 20$ $11 - 3 + 5 + 20$

Step 3: $11 - 3 = 8$ $8 + 5 + 20$

Step 4: $8 + 5 = 13$ $13 + 20$

Step 5: $13 + 20 = 33$ 33

4) $4 \times 5 + (11 + 8) - 18 \div 3$

Step 1: $(11 + 8) = 19$ $4 \times 5 + 19 - 18 \div 3$

Step 2: $4 \times 5 = 20$ $20 + 19 - 18 \div 3$

Step 3: $18 \div 3 = 6$ $20 + 19 - 6$

Step 4: $20 + 19 = 39$ $39 - 6$

Step 5: $39 - 6 = 33$ 33

5) $(10 - 2) \times 8 + 5 + 15 - 5$

Step 1: $(10 - 2) = 8$ $8 \times 8 + 5 + 15 - 5$

Step 2: $8 \times 8 = 64$ $64 + 5 + 15 - 5$

Step 3: $64 + 5 = 69$ $69 + 15 - 5$

Step 4: $69 + 15 = 84$ $84 - 5$

Step 5: $84 - 5 = 79$ 79

6) $(18 \div 6) + 5 + (12 - 3) \times 8$

Step 1: $(18 \div 6) = 3$ $3 + 5 + (12 - 3) \times 8$

Step 2: $(12 - 3) = 9$ $3 + 5 + 9 \times 8$

Step 3: $9 \times 8 = 72$ $3 + 5 + 72$

Step 4: $3 + 5 = 8$ $8 + 72$

Step 5: $8 + 72 = 80$ 80

7) $12 - 3 + 9 \times 2 + 16 \div 2$

Step 1: $9 \times 2 = 18$ $12 - 3 + 18 + 16 \div 2$

Step 2: $16 \div 2 = 8$ $12 - 3 + 18 + 8$

Step 3: $12 - 3 = 9$ $9 + 18 + 8$

Step 4: $9 + 18 = 27$ $27 + 8$

Step 5: $27 + 8 = 35$ 35

8) $10 \div 2 + 16 - 15 \div 3$

Step 1: $10 \div 2 = 5$ $5 + 16 - 15 \div 3$

Step 2: $15 \div 3 = 5$ $5 + 16 - 5$

Step 3: $5 + 16 = 21$ $21 - 5$

Step 4: $21 - 5 = 16$ 16

9) $12 + 6 \times 18 \div 2 - 5$

Step 1: $6 \times 18 = 108$ $12 + 108 \div 2 - 5$

Step 2: $108 \div 2 = 54$ $12 + 54 - 5$

Step 3: $12 + 54 = 66$ $66 - 5$

Step 4: $66 - 5 = 61$ 61

10) $6 \times 5 + 42 \div 6 - 7$

Step 1: $6 \times 5 = 30$ $30 + 42 \div 6 - 7$

Step 2: $42 \div 6 = 7$ $30 + 7 - 7$

Step 3: $30 + 7 = 37$ $37 - 7$

Step 4: $37 - 7 = 30$ 30

Answers

1. 337

2. 12

3. 33

4. 33

5. 79

6. 80

7. 35

8. 16

9. 61

10. 30



Solve the following problems using the order of operations.

Remember

Step 1: Parenthesis () Solve all problems in parenthesis FIRST.

Step 2: Exponents ^{2,3,4} Next solve any numbers that have exponents.

Step 3: Multiply or Divide ×, ÷ Then solve any multiplication or division problems (going from left to right).

Step 4: Add or Subtract +, - Finally solve any addition or subtraction problems (going from left to right).

Answers

1) $60 \div 6 + (4 \times 6) \times 8 + 18$

2) $42 \div 6 \times (14 - 7) + 9$

3) $15 - 9 + 9 + 6 \times (81 \div 9)$

4) $6 \times 4 + (12 + 7) - 27 \div 9$

5) $(4 - 3) \times 4 + 5 + 24 - 3$

6) $(15 \div 5) + 9 + (9 - 8) \times 6$

7) $3 - 2 + 5 \times 9 + 56 \div 7$

8) $25 \div 5 + 24 - 45 \div 5$

9) $11 + 5 \times 81 \div 9 - 8$

10) $2 \times 9 + 70 \div 7 - 3$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve the following problems using the order of operations.

Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
- Step 2:** Exponents ^{2,3,4} Next solve any numbers that have exponents.
- Step 3:** Multiply or Divide \times, \div Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $60 \div 6 + (4 \times 6) \times 8 + 18$

Step 1: $(4 \times 6) = 24$ $60 \div 6 + 24 \times 8 + 18$

Step 2: $60 \div 6 = 10$ $10 + 24 \times 8 + 18$

Step 3: $24 \times 8 = 192$ $10 + 192 + 18$

Step 4: $10 + 192 = 202$ $202 + 18$

Step 5: $202 + 18 = 220$ 220

3) $15 - 9 + 9 + 6 \times (81 \div 9)$

Step 1: $(81 \div 9) = 9$ $15 - 9 + 9 + 6 \times 9$

Step 2: $6 \times 9 = 54$ $15 - 9 + 9 + 54$

Step 3: $15 - 9 = 6$ $6 + 9 + 54$

Step 4: $6 + 9 = 15$ $15 + 54$

Step 5: $15 + 54 = 69$ 69

5) $(4 - 3) \times 4 + 5 + 24 - 3$

Step 1: $(4 - 3) = 1$ $1 \times 4 + 5 + 24 - 3$

Step 2: $1 \times 4 = 4$ $4 + 5 + 24 - 3$

Step 3: $4 + 5 = 9$ $9 + 24 - 3$

Step 4: $9 + 24 = 33$ $33 - 3$

Step 5: $33 - 3 = 30$ 30

7) $3 - 2 + 5 \times 9 + 56 \div 7$

Step 1: $5 \times 9 = 45$ $3 - 2 + 45 + 56 \div 7$

Step 2: $56 \div 7 = 8$ $3 - 2 + 45 + 8$

Step 3: $3 - 2 = 1$ $1 + 45 + 8$

Step 4: $1 + 45 = 46$ $46 + 8$

Step 5: $46 + 8 = 54$ 54

9) $11 + 5 \times 81 \div 9 - 8$

Step 1: $5 \times 81 = 405$ $11 + 405 \div 9 - 8$

Step 2: $405 \div 9 = 45$ $11 + 45 - 8$

Step 3: $11 + 45 = 56$ $56 - 8$

Step 4: $56 - 8 = 48$ 48

2) $42 \div 6 \times (14 - 7) + 9$

Step 1: $(14 - 7) = 7$ $42 \div 6 \times 7 + 9$

Step 2: $42 \div 6 = 7$ $7 \times 7 + 9$

Step 3: $7 \times 7 = 49$ $49 + 9$

Step 4: $49 + 9 = 58$ 58

4) $6 \times 4 + (12 + 7) - 27 \div 9$

Step 1: $(12 + 7) = 19$ $6 \times 4 + 19 - 27 \div 9$

Step 2: $6 \times 4 = 24$ $24 + 19 - 27 \div 9$

Step 3: $27 \div 9 = 3$ $24 + 19 - 3$

Step 4: $24 + 19 = 43$ $43 - 3$

Step 5: $43 - 3 = 40$ 40

6) $(15 \div 5) + 9 + (9 - 8) \times 6$

Step 1: $(15 \div 5) = 3$ $3 + 9 + (9 - 8) \times 6$

Step 2: $(9 - 8) = 1$ $3 + 9 + 1 \times 6$

Step 3: $1 \times 6 = 6$ $3 + 9 + 6$

Step 4: $3 + 9 = 12$ $12 + 6$

Step 5: $12 + 6 = 18$ 18

8) $25 \div 5 + 24 - 45 \div 5$

Step 1: $25 \div 5 = 5$ $5 + 24 - 45 \div 5$

Step 2: $45 \div 5 = 9$ $5 + 24 - 9$

Step 3: $5 + 24 = 29$ $29 - 9$

Step 4: $29 - 9 = 20$ 20

10) $2 \times 9 + 70 \div 7 - 3$

Step 1: $2 \times 9 = 18$ $18 + 70 \div 7 - 3$

Step 2: $70 \div 7 = 10$ $18 + 10 - 3$

Step 3: $18 + 10 = 28$ $28 - 3$

Step 4: $28 - 3 = 25$ 25

Answers1. 2202. 583. 694. 405. 306. 187. 548. 209. 4810. 25



Solve the following problems using the order of operations.

Remember

Step 1: Parenthesis ()

Solve all problems in parenthesis FIRST.

Step 2: Exponents ^{2,3,4}

Next solve any numbers that have exponents.

Step 3: Multiply or Divide \times, \div

Then solve any multiplication or division problems (going from left to right).

Step 4: Add or Subtract $+, -$

Finally solve any addition or subtraction problems (going from left to right).

1) $4 \div 2 + (2 \times 4) \times 16 + 11$

2) $18 \div 3 \times (12 - 5) + 4$

3) $14 - 5 + 7 + 5 \times (72 \div 9)$

4) $3 \times 8 + (14 + 7) - 70 \div 7$

5) $(11 - 7) \times 6 + 4 + 32 - 4$

6) $(42 \div 7) + 7 + (17 - 9) \times 8$

7) $7 - 3 + 4 \times 2 + 12 \div 3$

8) $63 \div 9 + 40 - 36 \div 4$

9) $9 + 2 \times 42 \div 6 - 2$

10) $7 \times 9 + 18 \div 3 - 6$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
- Step 2:** Exponents ^{2,3,4} Next solve any numbers that have exponents.
- Step 3:** Multiply or Divide \times, \div Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $4 \div 2 + (2 \times 4) \times 16 + 11$

Step 1: $(2 \times 4) = 8$ $4 \div 2 + 8 \times 16 + 11$

Step 2: $4 \div 2 = 2$ $2 + 8 \times 16 + 11$

Step 3: $8 \times 16 = 128$ $2 + 128 + 11$

Step 4: $2 + 128 = 130$ $130 + 11$

Step 5: $130 + 11 = 141$ **141**

2) $18 \div 3 \times (12 - 5) + 4$

Step 1: $(12 - 5) = 7$ $18 \div 3 \times 7 + 4$

Step 2: $18 \div 3 = 6$ $6 \times 7 + 4$

Step 3: $6 \times 7 = 42$ $42 + 4$

Step 4: $42 + 4 = 46$ **46**

3) $14 - 5 + 7 + 5 \times (72 \div 9)$

Step 1: $(72 \div 9) = 8$ $14 - 5 + 7 + 5 \times 8$

Step 2: $5 \times 8 = 40$ $14 - 5 + 7 + 40$

Step 3: $14 - 5 = 9$ $9 + 7 + 40$

Step 4: $9 + 7 = 16$ $16 + 40$

Step 5: $16 + 40 = 56$ **56**

4) $3 \times 8 + (14 + 7) - 70 \div 7$

Step 1: $(14 + 7) = 21$ $3 \times 8 + 21 - 70 \div 7$

Step 2: $3 \times 8 = 24$ $24 + 21 - 70 \div 7$

Step 3: $70 \div 7 = 10$ $24 + 21 - 10$

Step 4: $24 + 21 = 45$ $45 - 10$

Step 5: $45 - 10 = 35$ **35**

5) $(11 - 7) \times 6 + 4 + 32 - 4$

Step 1: $(11 - 7) = 4$ $4 \times 6 + 4 + 32 - 4$

Step 2: $4 \times 6 = 24$ $24 + 4 + 32 - 4$

Step 3: $24 + 4 = 28$ $28 + 32 - 4$

Step 4: $28 + 32 = 60$ $60 - 4$

Step 5: $60 - 4 = 56$ **56**

6) $(42 \div 7) + 7 + (17 - 9) \times 8$

Step 1: $(42 \div 7) = 6$ $6 + 7 + (17 - 9) \times 8$

Step 2: $(17 - 9) = 8$ $6 + 7 + 8 \times 8$

Step 3: $8 \times 8 = 64$ $6 + 7 + 64$

Step 4: $6 + 7 = 13$ $13 + 64$

Step 5: $13 + 64 = 77$ **77**

7) $7 - 3 + 4 \times 2 + 12 \div 3$

Step 1: $4 \times 2 = 8$ $7 - 3 + 8 + 12 \div 3$

Step 2: $12 \div 3 = 4$ $7 - 3 + 8 + 4$

Step 3: $7 - 3 = 4$ $4 + 8 + 4$

Step 4: $4 + 8 = 12$ $12 + 4$

Step 5: $12 + 4 = 16$ **16**

8) $63 \div 9 + 40 - 36 \div 4$

Step 1: $63 \div 9 = 7$ $7 + 40 - 36 \div 4$

Step 2: $36 \div 4 = 9$ $7 + 40 - 9$

Step 3: $7 + 40 = 47$ $47 - 9$

Step 4: $47 - 9 = 38$ **38**

9) $9 + 2 \times 42 \div 6 - 2$

Step 1: $2 \times 42 = 84$ $9 + 84 \div 6 - 2$

Step 2: $84 \div 6 = 14$ $9 + 14 - 2$

Step 3: $9 + 14 = 23$ $23 - 2$

Step 4: $23 - 2 = 21$ **21**

10) $7 \times 9 + 18 \div 3 - 6$

Step 1: $7 \times 9 = 63$ $63 + 18 \div 3 - 6$

Step 2: $18 \div 3 = 6$ $63 + 6 - 6$

Step 3: $63 + 6 = 69$ $69 - 6$

Step 4: $69 - 6 = 63$ **63**

Answers1. **141**2. **46**3. **56**4. **35**5. **56**6. **77**7. **16**8. **38**9. **21**10. **63**



Solve the following problems using the order of operations.

Remember

Step 1: Parenthesis ()

Solve all problems in parenthesis FIRST.

Step 2: Exponents ^{2,3,4}

Next solve any numbers that have exponents.

Step 3: Multiply or Divide \times, \div

Then solve any multiplication or division problems (going from left to right).

Step 4: Add or Subtract $+, -$

Finally solve any addition or subtraction problems (going from left to right).

1) $9 \div 3 + (7 \times 5) \times 6 + 16$

2) $24 \div 3 \times (4 - 3) + 7$

3) $10 - 4 + 7 + 3 \times (24 \div 4)$

4) $6 \times 4 + (12 + 9) - 28 \div 4$

5) $(8 - 2) \times 9 + 7 + 28 - 7$

6) $(35 \div 7) + 9 + (13 - 8) \times 3$

7) $6 - 3 + 4 \times 5 + 28 \div 7$

8) $56 \div 8 + 30 - 18 \div 3$

9) $9 + 4 \times 16 \div 4 - 7$

10) $8 \times 7 + 90 \div 9 - 8$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
- Step 2:** Exponents ^{2,3,4} Next solve any numbers that have exponents.
- Step 3:** Multiply or Divide \times, \div Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $9 \div 3 + (7 \times 5) \times 6 + 16$

Step 1: $(7 \times 5) = 35$ $9 \div 3 + 35 \times 6 + 16$

Step 2: $9 \div 3 = 3$ $3 + 35 \times 6 + 16$

Step 3: $35 \times 6 = 210$ $3 + 210 + 16$

Step 4: $3 + 210 = 213$ $213 + 16$

Step 5: $213 + 16 = 229$ 229

3) $10 - 4 + 7 + 3 \times (24 \div 4)$

Step 1: $(24 \div 4) = 6$ $10 - 4 + 7 + 3 \times 6$

Step 2: $3 \times 6 = 18$ $10 - 4 + 7 + 18$

Step 3: $10 - 4 = 6$ $6 + 7 + 18$

Step 4: $6 + 7 = 13$ $13 + 18$

Step 5: $13 + 18 = 31$ 31

5) $(8 - 2) \times 9 + 7 + 28 - 7$

Step 1: $(8 - 2) = 6$ $6 \times 9 + 7 + 28 - 7$

Step 2: $6 \times 9 = 54$ $54 + 7 + 28 - 7$

Step 3: $54 + 7 = 61$ $61 + 28 - 7$

Step 4: $61 + 28 = 89$ $89 - 7$

Step 5: $89 - 7 = 82$ 82

7) $6 - 3 + 4 \times 5 + 28 \div 7$

Step 1: $4 \times 5 = 20$ $6 - 3 + 20 + 28 \div 7$

Step 2: $28 \div 7 = 4$ $6 - 3 + 20 + 4$

Step 3: $6 - 3 = 3$ $3 + 20 + 4$

Step 4: $3 + 20 = 23$ $23 + 4$

Step 5: $23 + 4 = 27$ 27

9) $9 + 4 \times 16 \div 4 - 7$

Step 1: $4 \times 16 = 64$ $9 + 64 \div 4 - 7$

Step 2: $64 \div 4 = 16$ $9 + 16 - 7$

Step 3: $9 + 16 = 25$ $25 - 7$

Step 4: $25 - 7 = 18$ 18

2) $24 \div 3 \times (4 - 3) + 7$

Step 1: $(4 - 3) = 1$ $24 \div 3 \times 1 + 7$

Step 2: $24 \div 3 = 8$ $8 \times 1 + 7$

Step 3: $8 \times 1 = 8$ $8 + 7$

Step 4: $8 + 7 = 15$ 15

4) $6 \times 4 + (12 + 9) - 28 \div 4$

Step 1: $(12 + 9) = 21$ $6 \times 4 + 21 - 28 \div 4$

Step 2: $6 \times 4 = 24$ $24 + 21 - 28 \div 4$

Step 3: $28 \div 4 = 7$ $24 + 21 - 7$

Step 4: $24 + 21 = 45$ $45 - 7$

Step 5: $45 - 7 = 38$ 38

6) $(35 \div 7) + 9 + (13 - 8) \times 3$

Step 1: $(35 \div 7) = 5$ $5 + 9 + (13 - 8) \times 3$

Step 2: $(13 - 8) = 5$ $5 + 9 + 5 \times 3$

Step 3: $5 \times 3 = 15$ $5 + 9 + 15$

Step 4: $5 + 9 = 14$ $14 + 15$

Step 5: $14 + 15 = 29$ 29

8) $56 \div 8 + 30 - 18 \div 3$

Step 1: $56 \div 8 = 7$ $7 + 30 - 18 \div 3$

Step 2: $18 \div 3 = 6$ $7 + 30 - 6$

Step 3: $7 + 30 = 37$ $37 - 6$

Step 4: $37 - 6 = 31$ 31

10) $8 \times 7 + 90 \div 9 - 8$

Step 1: $8 \times 7 = 56$ $56 + 90 \div 9 - 8$

Step 2: $90 \div 9 = 10$ $56 + 10 - 8$

Step 3: $56 + 10 = 66$ $66 - 8$

Step 4: $66 - 8 = 58$ 58

Answers

1. 229

2. 15

3. 31

4. 38

5. 82

6. 29

7. 27

8. 31

9. 18

10. 58



Solve the following problems using the order of operations.

Remember**Step 1:** Parenthesis ()

Solve all problems in parenthesis FIRST.

Step 2: Exponents ^{2,3,4}

Next solve any numbers that have exponents.

Step 3: Multiply or Divide \times, \div

Then solve any multiplication or division problems (going from left to right).

Step 4: Add or Subtract $+, -$

Finally solve any addition or subtraction problems (going from left to right).

1) $42 \div 6 + (2 \times 5) \times 1 + 9$

2) $40 \div 8 \times (6 - 3) + 2$

3) $10 - 3 + 7 + 5 \times (24 \div 3)$

4) $9 \times 4 + (12 + 2) - 30 \div 3$

5) $(13 - 5) \times 3 + 7 + 16 - 8$

6) $(21 \div 7) + 7 + (7 - 2) \times 9$

7) $13 - 7 + 8 \times 9 + 63 \div 7$

8) $81 \div 9 + 40 - 72 \div 9$

9) $14 + 5 \times 40 \div 4 - 7$

10) $8 \times 3 + 63 \div 9 - 6$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve the following problems using the order of operations.

Remember

- Step 1:** Parenthesis () Solve all problems in parenthesis FIRST.
- Step 2:** Exponents ^{2,3,4} Next solve any numbers that have exponents.
- Step 3:** Multiply or Divide \times, \div Then solve any multiplication or division problems (going from left to right).
- Step 4:** Add or Subtract $+, -$ Finally solve any addition or subtraction problems (going from left to right).

1) $42 \div 6 + (2 \times 5) \times 1 + 9$

Step 1: $(2 \times 5) = 10$ $42 \div 6 + 10 \times 1 + 9$

Step 2: $42 \div 6 = 7$ $7 + 10 \times 1 + 9$

Step 3: $10 \times 1 = 10$ $7 + 10 + 9$

Step 4: $7 + 10 = 17$ $17 + 9$

Step 5: $17 + 9 = 26$ 26

2) $40 \div 8 \times (6 - 3) + 2$

Step 1: $(6 - 3) = 3$ $40 \div 8 \times 3 + 2$

Step 2: $40 \div 8 = 5$ $5 \times 3 + 2$

Step 3: $5 \times 3 = 15$ $15 + 2$

Step 4: $15 + 2 = 17$ 17

3) $10 - 3 + 7 + 5 \times (24 \div 3)$

Step 1: $(24 \div 3) = 8$ $10 - 3 + 7 + 5 \times 8$

Step 2: $5 \times 8 = 40$ $10 - 3 + 7 + 40$

Step 3: $10 - 3 = 7$ $7 + 7 + 40$

Step 4: $7 + 7 = 14$ $14 + 40$

Step 5: $14 + 40 = 54$ 54

4) $9 \times 4 + (12 + 2) - 30 \div 3$

Step 1: $(12 + 2) = 14$ $9 \times 4 + 14 - 30 \div 3$

Step 2: $9 \times 4 = 36$ $36 + 14 - 30 \div 3$

Step 3: $30 \div 3 = 10$ $36 + 14 - 10$

Step 4: $36 + 14 = 50$ $50 - 10$

Step 5: $50 - 10 = 40$ 40

5) $(13 - 5) \times 3 + 7 + 16 - 8$

Step 1: $(13 - 5) = 8$ $8 \times 3 + 7 + 16 - 8$

Step 2: $8 \times 3 = 24$ $24 + 7 + 16 - 8$

Step 3: $24 + 7 = 31$ $31 + 16 - 8$

Step 4: $31 + 16 = 47$ $47 - 8$

Step 5: $47 - 8 = 39$ 39

6) $(21 \div 7) + 7 + (7 - 2) \times 9$

Step 1: $(21 \div 7) = 3$ $3 + 7 + (7 - 2) \times 9$

Step 2: $(7 - 2) = 5$ $3 + 7 + 5 \times 9$

Step 3: $5 \times 9 = 45$ $3 + 7 + 45$

Step 4: $3 + 7 = 10$ $10 + 45$

Step 5: $10 + 45 = 55$ 55

7) $13 - 7 + 8 \times 9 + 63 \div 7$

Step 1: $8 \times 9 = 72$ $13 - 7 + 72 + 63 \div 7$

Step 2: $63 \div 7 = 9$ $13 - 7 + 72 + 9$

Step 3: $13 - 7 = 6$ $6 + 72 + 9$

Step 4: $6 + 72 = 78$ $78 + 9$

Step 5: $78 + 9 = 87$ 87

8) $81 \div 9 + 40 - 72 \div 9$

Step 1: $81 \div 9 = 9$ $9 + 40 - 72 \div 9$

Step 2: $72 \div 9 = 8$ $9 + 40 - 8$

Step 3: $9 + 40 = 49$ $49 - 8$

Step 4: $49 - 8 = 41$ 41

9) $14 + 5 \times 40 \div 4 - 7$

Step 1: $5 \times 40 = 200$ $14 + 200 \div 4 - 7$

Step 2: $200 \div 4 = 50$ $14 + 50 - 7$

Step 3: $14 + 50 = 64$ $64 - 7$

Step 4: $64 - 7 = 57$ 57

10) $8 \times 3 + 63 \div 9 - 6$

Step 1: $8 \times 3 = 24$ $24 + 63 \div 9 - 6$

Step 2: $63 \div 9 = 7$ $24 + 7 - 6$

Step 3: $24 + 7 = 31$ $31 - 6$

Step 4: $31 - 6 = 25$ 25

Answers

1. 26

2. 17

3. 54

4. 40

5. 39

6. 55

7. 87

8. 41

9. 57

10. 25