

Dear Parents,

! To Incoming 5th Graders !

Summer is here! The packet enclosed should give you a snapshot of what your child should know when entering the upcoming school year. Also, please be aware that your child **NEEDS to have mastered** their multiplication facts 0 – 12. It is a huge disadvantage to your child if he/she does not have their multiplication facts memorized.

The computer programs below can help make next year's preparation fun!

1. www.bigbrainz.com This program is great for multiplication and division facts fast recall. This program does have a free download that your child can take advantage of.
2. www.khanacademy.org This website allows students to make use of an extensive video library, and interactive challenges from any computer with access to the web. Khan Academy's materials and resources are available to you completely free of charge.

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Order of Operations

To solve math problems with more than one operation (+, -, x, ÷), remember this sentence for the correct order:

PLEASE EXCUSE MY DEAR AUNT SALLY

PLEASE = Parenthesis (or a different grouping symbol)
EXCUSE = Exponents
MY DEAR = Multiply and/or Divide
AUNT SALLY = Add and/or Subtract

Do each operation from left to right.

$$(6-3) + (2 \times 3)^2 \times 4 + (3+1)$$

First, do what's in Parenthesis

$$3 + 6^2 \times 4 + 4$$

Then, do the Exponents

$$3 + 36 \times 4 + 4$$

Next, Multiply and/or Divide

$$3 + 144 + 4$$

Last, Add and/or Subtract

$$= 151$$

Continue working the problem to complete all operations.

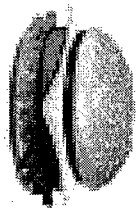
Does
(Divide)

McDonald's
(Multiply)

Serve
(Subtract)

Cheese
(Compare)

Burgers
(Bring Down)



Daddy (Divide)

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{14} \\ 28 \\ \underline{28} \\ 0 \end{array}$$

Mommy (multiply)

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{4} \\ 7 \\ \underline{7} \\ 0 \end{array}$$

Sister (subtract)

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{1} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

Brother (bring down)

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{1} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

Pax (remainder) 8

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{1} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

Cocoz (almost answer)

$$\begin{array}{r} 2 \overline{) 168} \\ \underline{1} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

28 x 2 ahead = 56



Determine which letter best answers the question.

1) Which number below is a factor of 12?

- A. 10
- B. 7
- C. 5
- D. 6

2) Which number below is not a factor of 8?

- A. 3
- B. 2
- C. 1
- D. 8

3) Which number below is a factor of 16?

- A. 7
- B. 2
- C. 6
- D. 3

4) Which number below is a factor of 21?

- A. 5
- B. 2
- C. 7
- D. 6

5) Which number below is a factor of 25?

- A. 4
- B. 3
- C. 2
- D. 5

6) Which number below is not a factor of 20?

- A. 1
- B. 20
- C. 8
- D. 4

7) Which number below is a factor of 18?

- A. 10
- B. 2
- C. 4
- D. 5

8) Which number below is not a factor of 14?

- A. 14
- B. 2
- C. 7
- D. 6

9) Which number below is not a factor of 24?

- A. 8
- B. 10
- C. 4
- D. 12

10) Which number below is a factor of 22?

- A. 2
- B. 3
- C. 6
- D. 5

11) Which number below is not a factor of 15?

- A. 3
- B. 2
- C. 1
- D. 5

12) Which number below is a factor of 4?

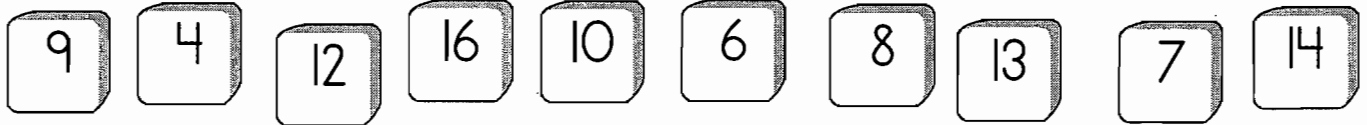
- A. 7
- B. 6
- C. 2
- D. 5

Answers

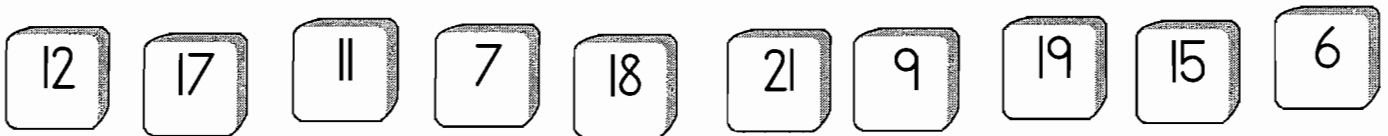
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Name: _____ Date: _____

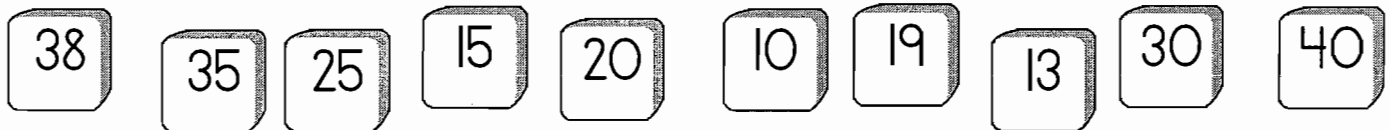
Circle the numbers which are multiples of 2.



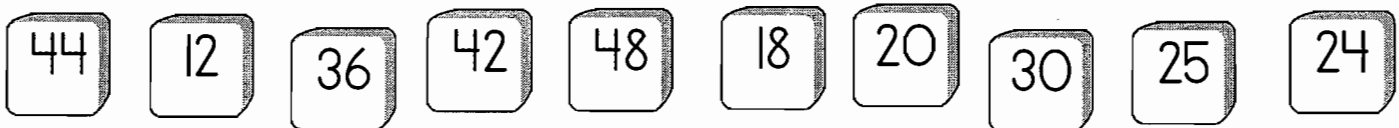
Circle the numbers which are multiples of 3.



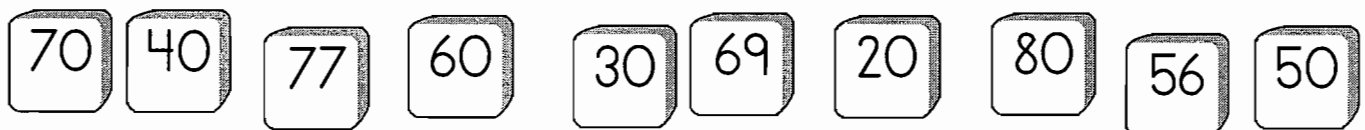
Circle the numbers which are multiples of 5.



Circle the numbers which are multiples of 6.



Circle the numbers which are multiples of 10.





Determine which letter best answers each question.

Answers

1) Which number is a factor of 24 but not a multiple of 6?

- A. 7
- B. 8
- C. 10
- D. 12

2) Which number is a factor of 20 but not a multiple of 5?

- A. 4
- B. 6
- C. 8
- D. 10

3) Which number is a factor of 12 but not a multiple of 3?

- A. 4
- B. 6
- C. 8
- D. 9

4) Which number is a factor of 22 but not a multiple of 11?

- A. 2
- B. 4
- C. 5
- D. 6

5) Which number is a factor of 12 but not a multiple of 6?

- A. 4
- B. 8
- C. 9
- D. 10

6) Which number is a factor of 20 but not a multiple of 2?

- A. 4
- B. 5
- C. 10
- D. 12

7) Which number is a factor of 15 but not a multiple of 3?

- A. 4
- B. 5
- C. 6
- D. 8

8) Which number is a factor of 16 but not a multiple of 8?

- A. 4
- B. 6
- C. 10
- D. 12

9) Which number is a factor of 22 but not a multiple of 2?

- A. 4
- B. 6
- C. 7
- D. 11

10) Which number is a factor of 14 but not a multiple of 7?

- A. 2
- B. 4
- C. 8
- D. 12

11) Which number is a factor of 14 but not a multiple of 2?

- A. 3
- B. 4
- C. 5
- D. 7

12) Which number is a factor of 21 but not a multiple of 3?

- A. 2
- B. 4
- C. 5
- D. 7

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



Use long division to determine the answer.

Answers

1) $2 \overline{) 899}$

2) $2 \overline{) 691}$

3) $3 \overline{) 138}$

1. _____

2. _____

3. _____

4. _____

5. _____

4) $7 \overline{) 997}$

5) $6 \overline{) 736}$

6) $5 \overline{) 738}$

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

7) $9 \overline{) 420}$

8) $2 \overline{) 965}$

9) $4 \overline{) 214}$

12. _____

10) $5 \overline{) 963}$

11) $7 \overline{) 714}$

12) $2 \overline{) 543}$

Comparing Integers (A)

Instructions: Compare the pairs of integers using $<$, $>$, or $=$

$-6 \square 4$

$-7 \square -8$

$-2 \square 12$

$10 \square -10$

$13 \square 11$

$-1 \square 13$

$-14 \square 1$

$-5 \square 9$

$4 \square -14$

$-11 \square 3$

$-7 \square -1$

$-8 \square 1$

$-4 \square -1$

$-2 \square -7$

$0 \square 11$

$-14 \square 14$

$10 \square -13$

$14 \square -9$

$-15 \square 7$

$8 \square -2$

$9 \square 11$

$-12 \square 2$

$-10 \square 10$

$2 \square -14$

$0 \square 1$

$-1 \square 0$

$9 \square -1$

$0 \square -10$

$-15 \square -6$

$10 \square 15$

$12 \square 15$

$2 \square 0$

$-6 \square 11$

$-6 \square -11$

$-10 \square 12$

$-5 \square 6$

$3 \square -13$

$-11 \square 11$

$2 \square 0$

$14 \square 9$



Determine which answer best balances the equation.

Answers

- 1) $7 \cdot 6 = 12 + K$
A. 31 B. 32
C. 29 D. 30

- 2) $5 \cdot 2 = 53 - W$
A. 46 B. 86
C. 41 D. 43

- 3) $9 \cdot 5 = 3 \cdot P$
A. 15 B. 30
C. 18 D. 13

- 4) $4 \cdot 5 = 2 \cdot M$
A. 8 B. 12
C. 11 D. 10

- 5) $2 \cdot 9 = 6 \cdot L$
A. 3 B. 5
C. 2 D. 4

- 6) $2 \cdot 8 = 4 \cdot J$
A. 8 B. 4
C. 5 D. 6

- 7) $10 \cdot 4 = 5 \cdot Y$
A. 10 B. 11
C. 7 D. 8

- 8) $3 \cdot 8 = 6 \cdot N$
A. 8 B. 2
C. 6 D. 4

- 9) $12 + 33 = 21 + X$
A. 48 B. 26
C. 25 D. 24

- 10) $17 - 15 = 65 - Z$
A. 65 B. 63
C. 64 D. 62

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).

Answers

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

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



Determine which number correctly answers both equations.

Answers

1) $54 \div 9 = \underline{\quad}$
 $\underline{\quad} \times 9 = 54$

2) $18 \div 2 = \underline{\quad}$
 $\underline{\quad} \times 2 = 18$

3) $9 \div 3 = \underline{\quad}$
 $\underline{\quad} \times 3 = 9$

4) $45 \div 5 = \underline{\quad}$
 $\underline{\quad} \times 5 = 45$

5) $6 \div 6 = \underline{\quad}$
 $\underline{\quad} \times 6 = 6$

6) $12 \div 2 = \underline{\quad}$
 $\underline{\quad} \times 2 = 12$

7) $63 \div 9 = \underline{\quad}$
 $\underline{\quad} \times 9 = 63$

8) $40 \div 5 = \underline{\quad}$
 $\underline{\quad} \times 5 = 40$

9) $63 \div 7 = \underline{\quad}$
 $\underline{\quad} \times 7 = 63$

10) $28 \div 7 = \underline{\quad}$
 $\underline{\quad} \times 7 = 28$

11) $32 \div 4 = \underline{\quad}$
 $\underline{\quad} \times 4 = 32$

12) $49 \div 7 = \underline{\quad}$
 $\underline{\quad} \times 7 = 49$

13) $70 \div 10 = \underline{\quad}$
 $\underline{\quad} \times 10 = 70$

14) $45 \div 9 = \underline{\quad}$
 $\underline{\quad} \times 9 = 45$

15) $70 \div 7 = \underline{\quad}$
 $\underline{\quad} \times 7 = 70$

16) $12 \div 6 = \underline{\quad}$
 $\underline{\quad} \times 6 = 12$

17) $8 \div 8 = \underline{\quad}$
 $\underline{\quad} \times 8 = 8$

18) $14 \div 7 = \underline{\quad}$
 $\underline{\quad} \times 7 = 14$

19) $48 \div 6 = \underline{\quad}$
 $\underline{\quad} \times 6 = 48$

20) $40 \div 8 = \underline{\quad}$
 $\underline{\quad} \times 8 = 40$

21) $56 \div 8 = \underline{\quad}$
 $\underline{\quad} \times 8 = 56$

22) $9 \div 9 = \underline{\quad}$
 $\underline{\quad} \times 9 = 9$

23) $4 \div 4 = \underline{\quad}$
 $\underline{\quad} \times 4 = 4$

24) $15 \div 3 = \underline{\quad}$
 $\underline{\quad} \times 3 = 15$

25) $24 \div 6 = \underline{\quad}$
 $\underline{\quad} \times 6 = 24$

26) $6 \div 3 = \underline{\quad}$
 $\underline{\quad} \times 3 = 6$

27) $54 \div 6 = \underline{\quad}$
 $\underline{\quad} \times 6 = 54$

28) $20 \div 5 = \underline{\quad}$
 $\underline{\quad} \times 5 = 20$

29) $27 \div 9 = \underline{\quad}$
 $\underline{\quad} \times 9 = 27$

30) $30 \div 5 = \underline{\quad}$
 $\underline{\quad} \times 5 = 30$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____
29. _____
30. _____



Use the completed division problem to determine the answer to the question.

- 1) The roller coaster at the state fair costs 3 tickets per ride. If you had 41 tickets, how many tickets would you have left if you rode it as many times as you could? $41 \div 3 = 13 \text{ r}2$
- 2) An airline has 74 pieces of luggage to put away. If each luggage compartment will hold 6 pieces of luggage, how many will be in the compartment that isn't full? $74 \div 6 = 12 \text{ r}2$
- 3) Isabel had saved up 78 quarters. If it costs 7 quarters for each soda from a soda machine, how many more quarters would she need to buy her final soda? $78 \div 7 = 11 \text{ r}1$
- 4) Henry has to sell 55 chocolate bars to win a trip. If each box contains 3 chocolate bars, how many boxes will he need to win the trip? $55 \div 3 = 18 \text{ r}1$
- 5) Henry's dad bought 89 centimeters of string. If he wanted to cut the string into pieces with each piece being 8 centimeters long, how many full pieces could he make? $89 \div 8 = 11 \text{ r}1$
- 6) A container can hold 9 orange slices. If a company had 94 orange slices to put into containers how many more would they need to fill up the last container? $94 \div 9 = 10 \text{ r}4$
- 7) A machine in a candy company creates 85 pieces of candy a minute. If a small box of candy has 8 pieces in it how many full boxes does the machine make in a minute? $85 \div 8 = 10 \text{ r}5$
- 8) An industrial machine can make 87 crayons a day. If each box of crayons has 2 crayons in it, how many full boxes does the machine make a day? $87 \div 2 = 43 \text{ r}1$
- 9) There are 95 students going to a trivia competition. If each school van can hold 9 students, how many vans will they need? $95 \div 9 = 10 \text{ r}5$
- 10) A movie store had 92 movies they were putting on 9 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? $92 \div 9 = 10 \text{ r}2$
- 11) A coat factory had 92 coats to ship out. If they wanted to put them into 9 boxes, with the same number of coats in each box, how many extra coats would they have? $92 \div 9 = 10 \text{ r}2$
- 12) A builder needed to buy 96 boards for his latest project. If the boards he needs come in packs of 7, how many packages will he need to buy? $96 \div 7 = 13 \text{ r}5$

Answers

- 1. 2
- 2. 2
- 3. 6
- 4. 19
- 5. 11
- 6. 5
- 7. 10
- 8. 43
- 9. 11
- 10. 7
- 2
- 14



Determine which letter best answers the question.

1) Which number below is a factor of 12?

- A. 10
- B. 7
- C. 5
- D. 6

2) Which number below is not a factor of 8?

- A. 3
- B. 2
- C. 1
- D. 8

3) Which number below is a factor of 16?

- A. 7
- B. 2
- C. 6
- D. 3

4) Which number below is a factor of 21?

- A. 5
- B. 2
- C. 7
- D. 6

5) Which number below is a factor of 25?

- A. 4
- B. 3
- C. 2
- D. 5

6) Which number below is not a factor of 20?

- A. 1
- B. 20
- C. 8
- D. 4

7) Which number below is a factor of 18?

- A. 10
- B. 2
- C. 4
- D. 5

8) Which number below is not a factor of 14?

- A. 14
- B. 2
- C. 7
- D. 6

9) Which number below is not a factor of 24?

- A. 8
- B. 10
- C. 4
- D. 12

10) Which number below is a factor of 22?

- A. 2
- B. 3
- C. 6
- D. 5

11) Which number below is not a factor of 15?

- A. 3
- B. 2
- C. 1
- D. 5

12) Which number below is a factor of 4?

- A. 7
- B. 6
- C. 2
- D. 5

Answers

- 1. D
- 2. A
- 3. B
- 4. C
- 5. D
- 6. C
- 7. B
- 8. D
- 9. B
- 10. A
- 11. B
- 12. C

**Determine which letter best answers each question.**

- 1) Which number is a factor of 24 but not a multiple of 6?
A. 7
B. 8
C. 10
D. 12
- 2) Which number is a factor of 20 but not a multiple of 5?
A. 4
B. 6
C. 8
D. 10
- 3) Which number is a factor of 12 but not a multiple of 3?
A. 4
B. 6
C. 8
D. 9
- 4) Which number is a factor of 22 but not a multiple of 11?
A. 2
B. 4
C. 5
D. 6
- 5) Which number is a factor of 12 but not a multiple of 6?
A. 4
B. 8
C. 9
D. 10
- 6) Which number is a factor of 20 but not a multiple of 2?
A. 4
B. 5
C. 10
D. 12
- 7) Which number is a factor of 15 but not a multiple of 3?
A. 4
B. 5
C. 6
D. 8
- 8) Which number is a factor of 16 but not a multiple of 8?
A. 4
B. 6
C. 10
D. 12
- 9) Which number is a factor of 22 but not a multiple of 2?
A. 4
B. 6
C. 7
D. 11
- 10) Which number is a factor of 14 but not a multiple of 7?
A. 2
B. 4
C. 8
D. 12
- 11) Which number is a factor of 14 but not a multiple of 2?
A. 3
B. 4
C. 5
D. 7
- 12) Which number is a factor of 21 but not a multiple of 3?
A. 2
B. 4
C. 5
D. 7

Answers

1. **B**
2. **A**
3. **A**
4. **A**
5. **A**
6. **B**
7. **B**
8. **A**
9. **D**
10. **A**
11. **D**
12. **D**



Use long division to determine the answer.

$$\begin{array}{r}
 449 \text{ r1} \\
 2 \overline{) 899} \\
 \underline{8} \\
 09 \\
 \underline{8} \\
 19 \\
 \underline{18} \\
 1
 \end{array}$$

$$\begin{array}{r}
 345 \text{ r1} \\
 2 \overline{) 691} \\
 \underline{6} \\
 09 \\
 \underline{8} \\
 11 \\
 \underline{10} \\
 1
 \end{array}$$

$$\begin{array}{r}
 046 \text{ r0} \\
 3 \overline{) 138} \\
 \underline{12} \\
 018 \\
 \underline{18} \\
 0
 \end{array}$$

$$\begin{array}{r}
 142 \text{ r3} \\
 7 \overline{) 997} \\
 \underline{7} \\
 29 \\
 \underline{28} \\
 17 \\
 \underline{14} \\
 3
 \end{array}$$

$$\begin{array}{r}
 122 \text{ r4} \\
 6 \overline{) 736} \\
 \underline{6} \\
 13 \\
 \underline{12} \\
 16 \\
 \underline{12} \\
 4
 \end{array}$$

$$\begin{array}{r}
 147 \text{ r3} \\
 5 \overline{) 738} \\
 \underline{5} \\
 23 \\
 \underline{20} \\
 38 \\
 \underline{35} \\
 3
 \end{array}$$

$$\begin{array}{r}
 046 \text{ r6} \\
 9 \overline{) 420} \\
 \underline{36} \\
 060 \\
 \underline{54} \\
 6
 \end{array}$$

$$\begin{array}{r}
 482 \text{ r1} \\
 2 \overline{) 965} \\
 \underline{8} \\
 16 \\
 \underline{16} \\
 05 \\
 \underline{4} \\
 1
 \end{array}$$

$$\begin{array}{r}
 053 \text{ r2} \\
 4 \overline{) 214} \\
 \underline{20} \\
 014 \\
 \underline{12} \\
 2
 \end{array}$$

$$\begin{array}{r}
 192 \text{ r3} \\
 5 \overline{) 963} \\
 \underline{5} \\
 46 \\
 \underline{45} \\
 13 \\
 \underline{10} \\
 3
 \end{array}$$

$$\begin{array}{r}
 102 \text{ r0} \\
 7 \overline{) 714} \\
 \underline{7} \\
 01 \\
 \underline{0} \\
 14 \\
 \underline{14} \\
 0
 \end{array}$$

$$\begin{array}{r}
 271 \text{ r1} \\
 2 \overline{) 543} \\
 \underline{4} \\
 14 \\
 \underline{14} \\
 03 \\
 \underline{2} \\
 1
 \end{array}$$

Answers

1. 449 r1
2. 345 r1
3. 46 r0
4. 142 r3
5. 122 r4
6. 147 r3
7. 46 r6
8. 482 r1
9. 53 r2
10. 192 r3
11. 102 r0
12. 271 r1



Determine which answer best balances the equation.

1) $7 \cdot 6 = 12 + K$

- A. 31 B. 32
C. 29 D. 30

2) $5 \cdot 2 = 53 - W$

- A. 46 B. 86
C. 41 D. 43

3) $9 \cdot 5 = 3 \cdot P$

- A. 15 B. 30
C. 18 D. 13

4) $4 \cdot 5 = 2 \cdot M$

- A. 8 B. 12
C. 11 D. 10

5) $2 \cdot 9 = 6 \cdot L$

- A. 3 B. 5
C. 2 D. 4

6) $2 \cdot 8 = 4 \cdot J$

- A. 8 B. 4
C. 5 D. 6

7) $10 \cdot 4 = 5 \cdot Y$

- A. 10 B. 11
C. 7 D. 8

8) $3 \cdot 8 = 6 \cdot N$

- A. 8 B. 2
C. 6 D. 4

9) $12 + 33 = 21 + X$

- A. 48 B. 26
C. 25 D. 24

10) $17 - 15 = 65 - Z$

- A. 65 B. 63
C. 64 D. 62

Answers

1. D
2. D
3. A
4. D
5. A
6. B
7. D
8. D
9. D
10. B



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

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

Answers1. 2552. 93. 334. 385. 1106. 207. 308. 479. 8610. 27