



**THIRD SPACE
LEARNING**

Order of Operations Worksheet

Number and Quantity

Grades 4 to 5

Questions

Name:

Date:

Evaluate 1 – 16. Show your work.

1 $7 + 5 \times 3 =$ _____

Answer

2 $12 - 7 + 1 =$ _____

Answer

3 $20 - 8 \div 4 =$ _____

Answer

4 $2 \times (6 + 3) =$ _____

Answer

5 $(15 - 5) \times 2 =$ _____

Answer

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6 $12 \div (2 \times 2) = \underline{\hspace{2cm}}$

Answer

- 7 Wren buys 3 packs of stickers. Each pack has $(4 + 2)$ stickers. How many stickers does Wren buy in total?

Answer

- 8 Each box contains 9 crayons. Carlos has 4 boxes of crayons. Then he gets 6 more boxes of crayons. How many crayons does Carlos have now?

Answer

- 9 Erick has 23 marbles. He gives 7 marbles to a friend. Then Erick splits the marbles equally into two bags. How many marbles are in each bag?

Answer

10 $(15 + 10) \times 5 - 9 = \underline{\hspace{2cm}}$

Answer

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11 $4 + 13 \times (2 \times 5) = \underline{\hspace{2cm}}$

Answer

12 $(63 \div 3) + (8 \times 5) = \underline{\hspace{2cm}}$

Answer

- 13 Lamar collected 8 coins last week. This week, he found 11 bags of coins, and each bag has 9 coins, plus 3 bonus coins. How many coins does Lamar have now?

Answer

- 14 Gena already has 5 packs of stickers, each with 15 stickers. Yanni has 56 stickers. Yanni gives half of his stickers to Gena. How many stickers does Gena have now?

Answer

15 $2 \times (15 - 10) \div 5 + 7 = \underline{\hspace{2cm}}$

Answer

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16 $[9 + 6 \times (8 - 5)] \div 3 = \underline{\hspace{2cm}}$

Answer

Evaluate both parts of 17 – 20. Notice if the answers are the same or different.

17 a. $4 \times (7 + 3) = \underline{\hspace{2cm}}$

b. $4 \times 7 + 3 = \underline{\hspace{2cm}}$

Answer

18 a. $(24 - 8) \times 2 = \underline{\hspace{2cm}}$

b. $24 - 8 \times 2 = \underline{\hspace{2cm}}$

Answer

19 a. $6 + (18 \times 4) - 5 = \underline{\hspace{2cm}}$

b. $6 + 18 \times 4 - 5 = \underline{\hspace{2cm}}$

Answer

20 a. $(12 \div 3) + (7 \times 7) = \underline{\hspace{2cm}}$

b. $12 \div 3 + 7 \times 7 = \underline{\hspace{2cm}}$

Answer

Answers

Question number	Question	Answers	Standard
1	$7 + 5 \times 3 = \underline{\hspace{2cm}}$	$7 + 5 \times 3$ $= 7 + 15$ $= 22$	5.OA.1
2	$12 - 7 + 1 = \underline{\hspace{2cm}}$	$12 - 7 + 1$ $= 5 + 1$ $= 6$	5.OA.1
3	$20 - 8 \div 4 = \underline{\hspace{2cm}}$	$20 - 8 \div 4$ $= 20 - 2$ $= 18$	5.OA.1
4	$2 \times (6 + 3) = \underline{\hspace{2cm}}$	$2 \times (6 + 3)$ $= 2 \times 9$ $= 18$	5.OA.1
5	$(15 - 5) \times 2 = \underline{\hspace{2cm}}$	$(15 - 5) \times 2$ $= 10 \times 2$ $= 20$	5.OA.1
6	$12 \div (2 \times 2) = \underline{\hspace{2cm}}$	$12 \div (2 \times 2)$ $= 12 \div 4$ $= 3$	5.OA.1
7	Wren buys 3 packs of stickers. Each pack has $(4 + 2)$ stickers. How many stickers does Wren buy in total?	$3 \times (4 + 2)$ $= 3 \times 6$ $= 18 \text{ stickers}$	5.OA.1
8	Each box contains 9 crayons. Carlos has 4 boxes of crayons. Then he gets 6 more boxes of crayons. How many crayons does Carlos have now?	$(4 + 6) \times 9$ $= 10 \times 9$ $= 90 \text{ crayons}$	5.OA.1

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Question number	Question	Answers	Standard
9	Erick has 23 marbles. He gives 7 marbles to a friend. Then Erick splits the marbles equally into two bags. How many marbles are in each bag?	$(23 - 7) \div 2$ $= 16 \div 2$ $= 8$ marbles	5.OA.1
10	$(15 + 10) \times 5 - 9 = \underline{\hspace{2cm}}$	$(15 + 10) \times 5 - 9$ $= 25 \times 5 - 9$ $= 125 - 9$ $= 116$	5.OA.1
11	$4 + 13 \times (2 \times 5) = \underline{\hspace{2cm}}$	$4 + 13 \times (2 \times 5)$ $= 4 + 13 \times 10$ $= 4 + 130$ $= 134$	5.OA.1
12	$(63 \div 3) + (8 \times 5) = \underline{\hspace{2cm}}$	$(63 \div 3) + (8 \times 5)$ $= 21 + (8 \times 5)$ $= 21 + 40$ $= 61$	5.OA.1
13	Lamar collected 8 coins last week. This week, he found 11 bags of coins, and each bag has 9 coins, plus 3 bonus coins. How many coins does Lamar have now?	$8 + 11 \times (9 + 3)$ $= 8 + 11 \times 12$ $= 8 + 132$ $= 140$ coins	5.OA.1
14	Gena already has 5 packs of stickers, each with 15 stickers. Yanni has 56 stickers. Yanni gives half of his stickers to Gena. How many stickers does Gena have now?	$5 \times 15 + 56 \div 2$ $= 75 + 56 \div 2$ $= 75 + 28$ $= 103$	5.OA.1
15	$2 \times (15 - 10) \div 5 + 7 = \underline{\hspace{2cm}}$	$2 \times (15 - 10) \div 5 + 7$ $= 2 \times 5 \div 5 + 7$ $= 10 \div 5 + 7$ $= 2 + 7$ $= 9$	5.OA.1

Order of Operations Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
16	$[9 + 6 \times (8 - 5)] \div 3 = \underline{\hspace{2cm}}$	$[9 + 6 \times (8 - 5)] \div 3$ $= (9 + 6 \times 3) \div 3$ $= (9 + 18) \div 3$ $= 27 \div 3$ $= 9$	5.OA.1
17	a. $4 \times (7 + 3) = \underline{\hspace{2cm}}$ b. $4 \times 7 + 3 = \underline{\hspace{2cm}}$	a. $4 \times (7 + 3)$ $= 4 \times 10$ $= 40$ b. $4 \times 7 + 3$ $= 28 + 3$ $= 31$	5.OA.1
18	a. $(24 - 8) \times 2 = \underline{\hspace{2cm}}$ b. $24 - 8 \times 2 = \underline{\hspace{2cm}}$	a. $(24 - 8) \times 2$ $= 16 \times 2$ $= 32$ b. $24 - 8 \times 2$ $= 24 - 16$ $= 8$	5.OA.1
19	a. $6 + (18 \times 4) - 5 = \underline{\hspace{2cm}}$ b. $6 + 18 \times 4 - 5 = \underline{\hspace{2cm}}$	a. $6 + (18 \times 4) - 5$ $= 6 + 72 - 5$ $= 78 - 5$ $= 73$ b. $6 + 18 \times 4 - 5$ $= 6 + 72 - 5$ $= 78 - 5$ $= 73$	5.OA.1
20	a. $(12 \div 3) + (7 \times 7) = \underline{\hspace{2cm}}$ b. $12 \div 3 + 7 \times 7 = \underline{\hspace{2cm}}$	a. $(12 \div 3) + (7 \times 7)$ $= 4 + (7 \times 7)$ $= 4 + 49$ $= 53$ b. $12 \div 3 + 7 \times 7$ $= 4 + 7 \times 7$ $= 4 + 49$ $= 53$	5.OA.1

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