

Use order of operations with whole numbers

1 Multiply or Exponents

A Left-To-Right

B Multiply

C Exponents

2 What do the rules for Order of Operations tell us about how to solve this equation?

$$(9 \times 3) - 4 = ?$$

A All operations are the same priority, calculate left to right.

B Multiplication is highest priority

C Brackets are highest priority, calculate inside them first.

D Subtraction is highest priority

3 Given that exponents should be done before you add, subtract, multiply, or divide, which operation should be done first in this equation?

A 7^2

B $7 - 4$

C $3 + 7$

4 What do the rules for Order of Operations tell us about how to solve this equation?

$$5 \div 3 - 4^3 = ?$$

A Division is highest priority

B Subtraction is highest priority

C The exponent is highest priority

D All operations are the same priority, calculate left to right.

5 What do the rules for Order of Operations tell us about how to solve this equation?

$$8 - 3 + 2^2 = ?$$

A All operations are the same priority, calculate left to right.

B Subtraction is highest priority

C Addition is highest priority

D The exponent is highest priority

6 What do the rules for Order of Operations tell us about how to solve this equation?

$$5 \div 6^3 \times 2 = ?$$

A The exponent is highest priority

B Division is highest priority

C Multiplication is highest priority

D All operations are the same priority, calculate left to right.

7 Figure out the answer by using the correct order of operations

$$6 \times 10 \div 2 \times 4 = ?$$

A 160

B 126

C 128

D 121

E 120

F 117

8 Figure out the answer by using the correct order of operations

$$16 - 15 \div 3 - 14 \div 2 = ?$$

A 1

B 4

C 3

D 9

E 8

F 5

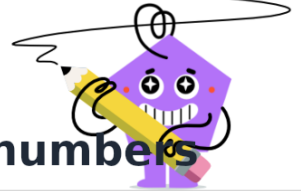
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Figure out the answer by using the correct order of operations

$$(9 + 9) \div 6 + 4 = ?$$

A 7	B 13	C 15
D 0	E 1	F 8

10

Figure out the answer by using the correct order of operations

$$(5 + 37) \div 6 + 4 \times 2 = ?$$

A 23	B 20	C 18
D 22	E 15	F 8

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Which operation should be done first in this equation?

$$9 - 4 + 2^2 = ?$$

A $9 - 4$	B $4 + 2$
C 2^2	

12

Which operation should be done first in this equation?

$$8 \div 7^3 \times 4 = ?$$

A 7×4	B $8 \div 7$
C 7^3	

13

Which operation should be done first in this equation?

$$9 + 4 \div 6^2 = ?$$

A 6^2	B $4 \div 6$
C $9 + 4$	

14

Which operation should be done first in this equation?

$$9 - 3 + 7^2 = ?$$

A $3 + 7$	B $9 - 3$
C 7^2	

15

Figure out the answer by using the correct order of operations

$$19 - 4 + 2^2 - 3 = ?$$

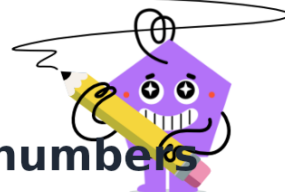
A 25	B 6	C 21
D 2	E 16	F 11

16

Figure out the answer by using the correct order of operations

$$5 + 3^2 \times 6 + 7 = ?$$

A 69	B 65	C 104
D 66	E 73	F 52

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Find the answer when this pair of numbers is calculated, then raised to its exponent

$$(3 - 1)^2$$

A 1	B 8	C 2
D 7	E 4	F 16

18

Figure out the answer by using the correct order of operations

$$(7 - 3) \times 6 - 4 \times 5 = ?$$

A 6	B 4	C 1
D 170	E 10	F 100

19

Figure out the answer by using the correct order of operations

$$8^2 + 8 \div 4 + 5 \times 7 = ?$$

A 0	B 56	C 2
D 106	E 101	F 105

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Figure out the answer by using the correct order of operations

$$(72 - 6^2) \div 4 - 35 \div 5 = ?$$

A 5	B 11	C 3
D 2	E 1	F 0