

REVIEW EXERCISES: OPERATIONS WITH INTEGERS

1.- Work out:

a) $+7 - 5 =$

b) $-4 + 12 =$

c) $-5 - 9 =$

d) $+12 - 15 =$

e) $-10 - 7 =$

f) $1 - 8 =$

Adding Integers

+ =

+ =

+ =

+ =

2.- Join with arrows:

$2 + 5 - 8 - 7 + 1 =$

$+8$

$-4 + 2 - 6 - 9 + 8 =$

-7

$-10 + 15 - 21 + 4 =$

$+3$

$+5 - 2 - 1 - 8 + 9 =$

-9

$32 - 45 + 12 + 9 =$

-12

3.- Take off the brackets

a) $+(-3) =$

b) $-(-7) =$

c) $+(+6) =$

TAKE OFF THE BRACKETS

$+(+5) = +5$

$+(-8) = -8$

d) $-(+19) =$

e) $+(-5) =$

f) $-(-2) =$

$-(+4) = -4$

$-(-10) = +10$

4.- Drag the correct result:

a) $+(+3) - (-5) + (-4) + (-2) =$

c) $+(-10) + (-7) + (+14) + (-4) =$

b) $+(+12) - (+8) - (-2) + (+2) =$

d) $-(+5) + (-9) - (-12) + (+1) =$

-7

-1

$+2$

$+8$

5.- Multiply:

a) $(-4) \cdot (+8) =$

b) $(+9) \cdot (-3) =$

c) $(+5) \cdot (+9) =$

d) $(-11) \cdot (-5) =$

e) $(+7) \cdot (+3) =$

f) $(+15) \cdot (-3) =$

Multiplying Integers Rules

$$\begin{array}{l} (+) \times (+) = (+) \\ (-) \times (-) = (+) \\ (+) \times (-) = (-) \\ (-) \times (+) = (-) \end{array}$$

6.- Divide:

a) $(-24) : (+8) =$

b) $(+90) : (-3) =$

c) $(+45) : (+9) =$

d) $(-110) : (-5) =$

e) $(+49) : (+7) =$

f) $(+63) : (-3) =$

Dividing Integers Rules

$$\begin{array}{l} (+) \div (+) = (+) \\ (-) \div (-) = (+) \\ (+) \div (-) = (-) \\ (-) \div (+) = (-) \end{array}$$

7.- Drag the correct result:

a) $[(-5) \cdot (+6)] : (-3) =$

c) $[(+75) : (+5)] : (-5) =$

b) $[(-40) : (-5)] : [(-72) : (+9)] =$

d) $[(+8) \cdot (-6)] : [(-4) \cdot (-3)] =$

-64

-4

-3

+10