MULTIPLICATIONS AND DIVISIONS OF INTEGERS

Multiplying Integers Rules

(+) × (+) = (+)
(−) × (−) = (+)
(+) × (−) = (−)
(−) × (+) = (−)

Dividing Integers Rules

(+) ÷ (+) = (+)
(−) ÷ (−) = (+)
(+) ÷ (−) = (−)
(−) ÷ (+) = (−)

Same Sign = Positive. Different Sign = Negative.

1.- Multiply:

a) (-3)·(+2) =
b) (+12)·(-2) =
c) (-9)·(-3) =
d) (+8)·(-5) =
e) (-21)·(-3) =
f) (+9)·(+8) =
g) (-7)·(+9) =
h) (+11)·(-5) =
i) (-6)·(+12) =

2.- Divide:

a) (-30):(+2) =
b) (+12):(-4) =
c) (-90):(-3) =
d) (+18):(-6) =
e) (-121):(-11) =
f) (+49):(+7) =
g) (-72):(+9) =
h) (+100):(-5) =
i) (-60):(+12) =

3.- Work out, step by step:

a) (-3) · [(+5) · (-2)] =

· =

b) [(+15) · (-4)] : [(-3) · (-2)] =

: =

c) (+36) : [(+4) · (-3)] =

: =

d) [(+75) : (+5)] · [(-6) : (-2)] =

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