Assessment Tuesday Dec. 13

Intergers

Multiplying & Dividing

Rules:

Study

Same in sign the positive

$(+) \times (+) = +$

$(-) \times (-) = +$

Opposite in signs the product is negative

$(+) \times (-) = (-)$

$(-) \times (+) = (-)$

$(+36) \div (-4) = -9$

$(+36) \div (+4) = +9$

$(7) \times (-3) = -21$

$(-4) \times (-3) = +12$

BEDMAS → Order of operations

Brackets

Exponents

Division

Multiplication

Addition

Subtraction

Ex) $2 + 56 \div 7 \times (-3)$

$2 + 8 \times (-3)$

$2 + -24$

-22

Ex2) What sign would the answer be?

$(-4 \times -3) \div (-2) \times (+18) \div (-4)$

$+ \div (-) \times (+) \div (-)$

$(-) \times (+) \div (-)$

$(-) \div (-)$

$+$

Using tiles to represent interger Multiplication & Division.

shaded ⊘ +
unshaded ○ -

a) $(+4) \times (+2)$

put down 4 groups of +2 tiles

$(+4) \times (+2) = (+8)$

Using tiles to represent interger Multiplication & Division.

Shaded ⊘ +
Unshaded ○ -

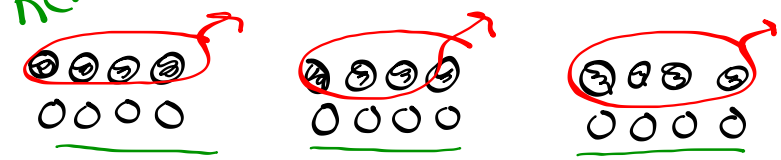
Need zero pairs

b) (-3) x (+4) = -12

of

Remove 3 groups

+4 tiles



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