Worksheet – 2

Class: VII Subject: Mathematics

Chapter No. : 1 Chapter Name: Integers

Name of the Student: _____

Name of School : _____

Q 1. Write down a pair of integers whose:

a) sum is (- 8)

_____

_____

_____

b) difference is 0

_____

_____

_____

[Example: Write down a pair of integers whose difference is (– 10) Answer: (-5) – 5 = (- 10)]

Q 2. Fill in the blanks:

a) 0 + _____ = (– 23)

b) _____ ÷ 19 = 0

c) [15 + (- 4)] + _____ = _____ + [(- 4) + 6]

e) 4 x 7 = __ x 4

Q 3. Name the property used in following cases:

1. 4 x ((- 9) + 12)

_____

2. 1 x 30 = 30

_____

3. 5 x (4 x 6) = (5 x 4) x 6

_____

4. 13 x (-2) = (-26)

_____

Q 4. Solve using suitable property.

1. 6 x (20 + 8)

_____

_____

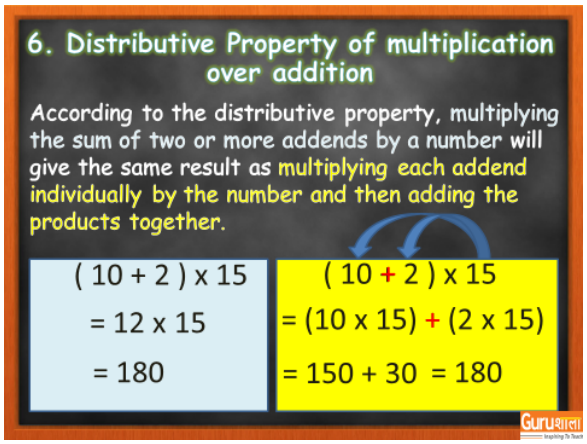
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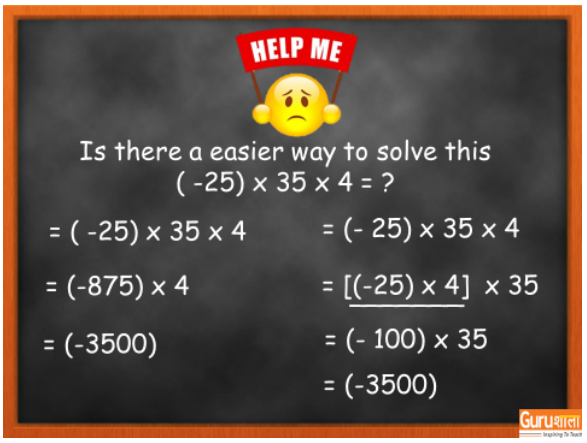
2. (-20) x (- 2) x (- 5)

_____

_____

_____


6. Distributive Property of multiplication over addition
According to the distributive property, multiplying the sum of two or more addends by a number will give the same result as multiplying each addend individually by the number and then adding the products together.
(10 + 2) x 15
= 12 x 15
= 180
(10 + 2) x 15
= (10 x 15) + (2 x 15)
= 150 + 30 = 180
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HELP ME
Is there a easier way to solve this
(-25) x 35 x 4 = ?
= (-25) x 35 x 4
= (-875) x 4
= (-3500)
= (- 25) x 35 x 4
= [(-25) x 4] x 35
= (- 100) x 35
= (-3500)
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Example :