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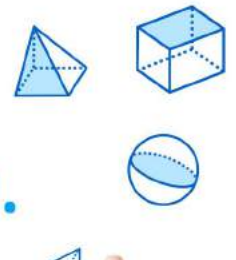

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Multiplication Worksheet 4

1) Multiply 17 and 19 by vertical multiplication method.

2) Which of the following is same as $90^2 - 2^2$:

a) $(92 + 2) \times (88 - 2)$

b) $(88 + 2) \times (92 - 2)$

c) $(91 + 2) \times (89 - 2)$

d) $(90 + 2) \times (90 - 2)$

3) Alaina spends 5 hours of time studying each day. Calculate the total number of hours she spends in studying in a month of 30 days.

4) Calculate the value when 13 is multiplied to the product of 17 and 20.

5) Which of the following is the same as 9 multiplied to 22 times 18?

a) $9 \times (22 \times 18)$
b) $22 \times (19 \times 18)$
c) $8 \times (22 \times 9)$
d) $19 \times (22 \times 8)$

6) In a rice factory, if each kg of rice needs 55 kg of raw paddy, how much amount of raw paddy will be needed to manufacture 26 kg of rice?

7) Which number when multiplied to 25 will give the value equal to 150?
   a) 3
   b) 4
   c) 5
   d) 6

8) In a marshmallow stick, if each stick can hold 25 marshmallows, how marshmallows can be kept in 46 such sticks?

9) Fill in the given blank with an integer for: 16 × ___ = 48

10) Find the value of the multiplication of 12 × 22 by vertical
    method.

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- Gary Schwartz

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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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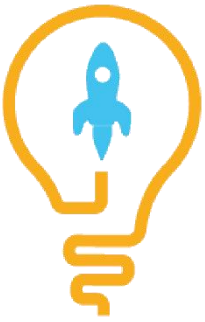

ANSWERS

1. 323	6. 1430
2. d)	7. d)
3. 150	8. 1150
4. 4420	9. 3
5. a)	10. 264

FUN FACT

1. The numbers which are multiplied are called multiplicands. For example, in $2 \times 3 = 6$, 2 and 3 are multiplicands.

2. Multiplication is also called repetitive addition.

3. Did you know, multiplication was invented by Babylonians, around 4000 years ago?