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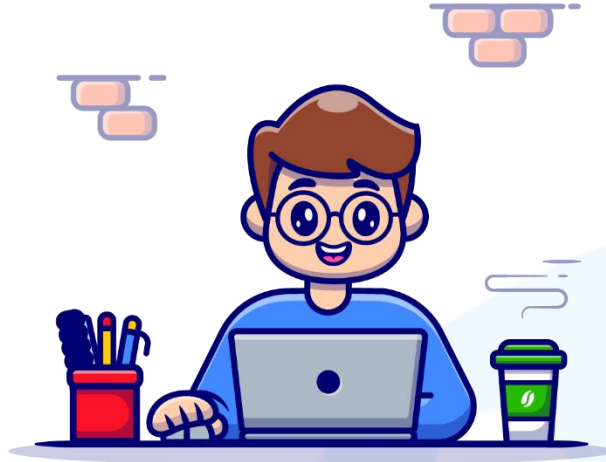
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## 5th Grade Multiplication Worksheets

Q1. Kale spends 5 hours of time studying each day. Calculate the total number of hours he spends in studying in a month of 30 days.



Q2. Which of the following is the correct answer for the multiplication of 16 and 24?

- a. 144
- b. 284
- c. 384
- d. 484

Q3. Multiply: 13 and 15

Q4. Calculate the value when 13 is multiplied to the product of 17 and 20.

Q5. Find the value of the multiplication of  $12 \times 22$  by vertical method.

Q6. Which number when multiplied to 25 will give the value equal to 150?

- a. 3
- b. 4
- c. 5
- d. 6

Q7. Solve:  $(80 + 3) \times (80 - 3)$

Q8. In a marshmallow stick, if each stick can hold 25 marshmallows, how marshmallows can be kept in 46 such sticks?



Q9. Which of the following is true?

- a.  $13 \times 16 \times 5 = 1010$
- b.  $13 \times 16 \times 5 = 1020$
- c.  $13 \times 16 \times 5 = 1040$
- d.  $13 \times 16 \times 5 = 1030$

Q10. Find the value when 9 is multiplied to 25 times 7.

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

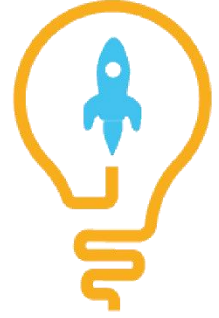
- Kirk Riley

"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)	150
2)	C
3)	195
4)	4420
5)	264
6)	D
7)	6391
8)	1150
9)	c
10)	1575

## Solutions

Q1. Hours each day = 5

Days in the month = 30

Time = Hours each day  $\times$  Days in the month =  $5 \times 30 = 150$

Q2.

			1	6
$\times$			2	4
+			6	4
+		3	2	
=		3	8	4

Therefore,  $16 \times 24 = 384$

Q3.

			1	3
$\times$			1	5
+			6	5
+		1	3	
=		1	9	5

Therefore,  $13 \times 15 = 195$

Q4.  $13 \times 17 \times 20 = 13 \times 340 = 4420$

Q5.  $12 \times 22 = 264$

Q6.  $25 \times \underline{\quad} = 150$

But, we know that  $25 \times 6 = 150$

Hence, the answer is 6.

Q7.  $(80 + 3) \times (80 - 3) = 6400 + 80 \times 3 - 80 \times 3 - 3 \times 3 =$   
 $6400 - 9 = 6391$

Q8. Number of marshmallows in 1 stick = 25

Thus, total number of marshmallows held in 46 sticks =  $46 \times 25 =$   
 1150

Hence, the total number of marshmallows used for 46 such sticks is 1150.

Q9.  $13 \times 16 \times 5 = 13 \times 80 = 1040$

Q10. To find:  $9 \times (25 \times 7)$

Hence,  $9 \times (25 \times 7) = 9 \times (175) = 1575$





## FUN FACT

1. Did you know that according to the properties of multiplication, when a series of numbers are multiplied to each other and if any one of the numbers is zero, the overall answer will be zero, for sure.
2. Whenever a number is multiplied to 9, then the sum of its digits will always be either 9, or a multiple of 9.
3. Multiplication is another term for repeated addition. So if you try to see that way, multiplication is not a different operation at all!

