tutorified

1. Complete the multiplication tables.

x	2	3	4
8			
9			
10			
11			
12			

x	5	6	7
8			
9			
10			
11			
12			

x	8	9	10
8			
9			
10			
11			
12			

2. Find the square of the following numbers:

   a. 4   b. 5   c. 8   d. 12

   Solution:

   a.   b.   c.   d.

3. The product of two numbers is 24. The sum of the same numbers is 10. What are the two numbers?

   A. 12 and 2   C. 5 and 5

   B. 8 and 3   D. 6 and 4

   Solution: D

4. Use the table containing the price list of different fruits per kilogram at a fruit store to answer the questions.

   a. What is the price of Oranges?

   b. What is the price of the cheapest fruit?

   c. Can $20 buy 1 kilogram of every fruit?

Price List at Fruit Store per kilogram	
Fruit	Price
Oranges	●●
Bananas	●●◖
Apples	●◖
Peaches	●●●

   Key: 1 ● = $2

   Solution:

   a.   b.   c.

5. Samantha buys two packs of candles. The first pack has 10 candles and the second pack has 15 candles. She gives $80 to the store clerk. She gets $5 back. How much does each candle cost?

   Solution: $3

6. Mike tries to solve 5 math problems every minute. On average, he solves four out of five math problems correctly. How many math problems can he try to solve in 10 minutes? About how many math problems can he solve correctly?

   Solution:

Multiplication Table and Patterns

1. Complete the multiplication tables.

x	2	3	4
8	16	24	32
9	18	27	36
10	20	30	40
11	22	33	44
12	24	36	48

x	5	6	7
8	40	48	56
9	45	54	63
10	50	60	70
11	55	66	77
12	60	72	84

x	8	9	10
8	64	72	80
9	72	81	90
10	80	90	100
11	88	99	110
12	96	108	120

2. Find the square of the following numbers:
   a. 4   b. 5   c. 8   d. 12

   a. 16   b. 25   c. 64   d. 144

3. The product of two numbers is 24. The sum of the same numbers is 10. What are the two numbers?
   A. 12 and 2   C. 5 and 5
   B. 8 and 3   D. 6 and 4

   D

4. Use the table containing the price list of different fruits per kilogram at a fruit store to answer the questions.
   a. What is the price of Oranges?
   b. What is the price of the cheapest fruit?
   c. Can $20 buy 1 kilogram of every fruit?

Price List at Fruit Store per kilogram	
Fruit	Price
Oranges	●●
Bananas	●●◗
Apples	●◗
Peaches	●●●

   Key: 1 ● = $2

   Solution:

   a. $4   b. $3   c. Yes

5. Samantha buys two packs of candles. The first pack has 10 candles and the second pack has 15 candles. She gives $80 to the store clerk. She gets $5 back. How much does each candle cost?

   $3

6. Mike tries to solve 5 math problems every minute. On average, he solves four out of five math problems correctly. How many math problems can he try to solve in 10 minutes? About how many math problems can he solve correctly?

   50 math problems;
   40 math problems