FACTORS AND DIVISION

Q1: Complete these.

a) Put a ring around the numbers that are factors of **24**:

2, 9, 48, 4, 12, 3, 6, 7, 1

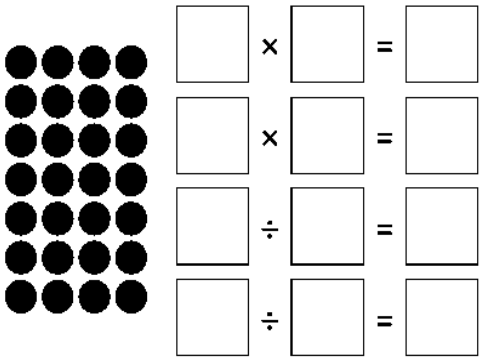
b) Put a ring around the numbers that are factors of **100**:

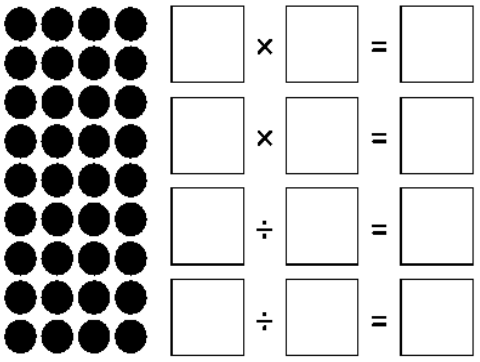
45, 50, 35, 25, 70, 200, 10, 4

c) Put a ring around the numbers that are factors of **45**:

9, 90, 180, 7, 1, 15, 3, 5

Q2: Use each array to write two multiplications and two division fact:





Q3: Find all factors of following by drawing a factor rainbow for each:

a) **68**

b) **30**

c) **56**

Q4: Use mental strategy of multiplication to find the product of following:
(Note: No long multiplication is allowed)

a) 473 x 8

b) 964 x 7

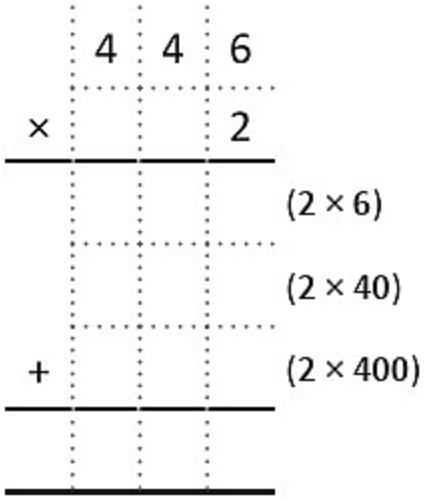
c) 698 x 6

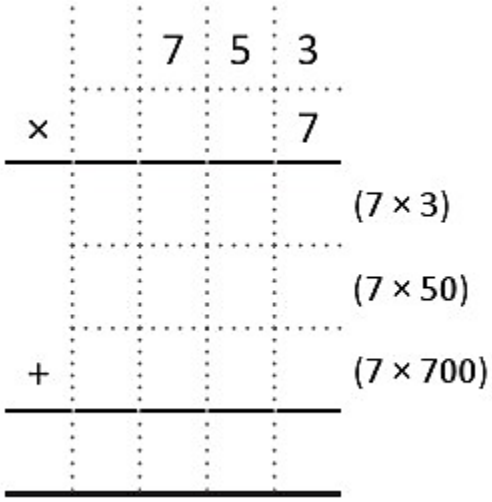
d) 918 x 9

Q5: Use written method to find each product:

92 × 18	83 × 27	74 × 36
62 × 45	56 × 94	47 × 63
96 × 78	86 × 97	56 × 79

Q6: Use the expanded written method to multiply followings:

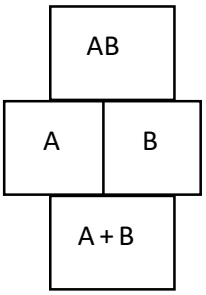




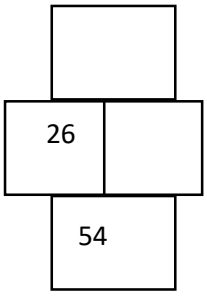
Q7: Look at the picture below:

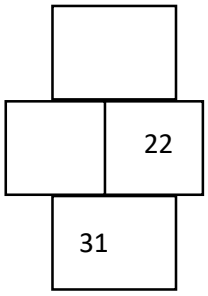
The **top** number is the **product** of multiplying the 2 numbers in the middle blocks.

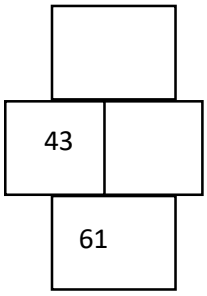
The **bottom** number is the **sum** of 2 middle blocks.



Find the missing numbers:







Q8: Complete each division.

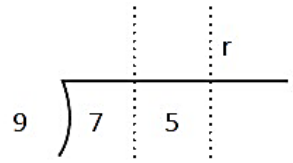
a) $329 \div 8$

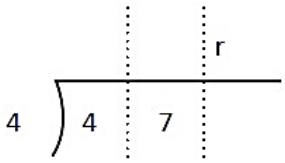
b) $487 \div 6$

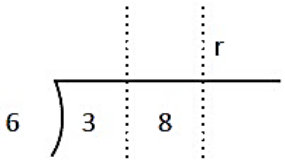
c) $427 \div 7$

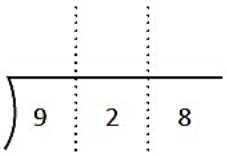
d) $367 \div 6$

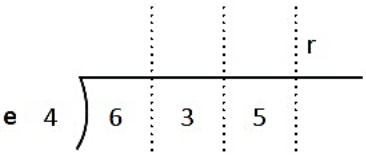
Q9: Divide these 2 digit numbers. Each problem will have a remainder.

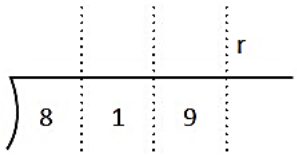
a 

b 

c 

d 

e 

f 

Q10: Word Problems.

a) Mildred went to the store 39 times last month. She buys 5 crayons each time she goes to the store. How many crayons did Mildred buy last month?

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b) There are 98 pencils in each box. How many pencils are in 3 boxes?

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c) There were 380 passengers on a plane. Half of them got off in Lahore. The rest flew onto Karachi. How many passengers flew on to Karachi?

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d) Each card costs $3.00. How much do 44 cards cost?

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e) There are 7 oranges in each box. How many oranges are in 68 boxes?

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f) Each child has 4 apples. If there are 39 children, how many apples are there in total?

g) Kathy is inviting 69 friends to a party. She has 1242 cookies. How many cookies will each friend get?

h) Stephanie wants to split a collection of stickers into groups of 32. Stephanie has 32 stickers. How many groups will be created?

i) Harry is inviting 74 friends to a party. He has 222 cookies. How many cookies will each friend get?

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j) There are 60 bottle caps in each box. How many bottle caps are in 5 boxes?

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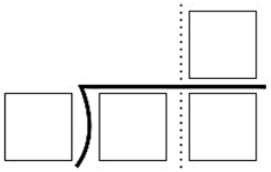
Q11: Use the division symbol to solve each problem:

a) 42 cupcakes were iced by 7 kids. If they each iced the same amount, how many did they ice each?



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b) How many pots were used if 6 seeds were planted in each pot from a packet of 54?

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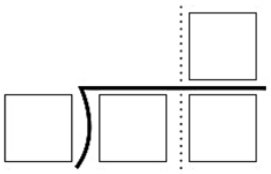

c) I run the same distance each day. Over 9 days the total distance is 72 km. how far did Irun each day?

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