

Twelve key words are used in this exercise.

Do you know the meaning of each word?

Show, by putting a, whether you know the meaning or not.

KEY WORDS	DO YOU KNOW THE MEANING		
	YES	NO	I DON'T KNOW
addition			✓
difference			✓
digit			✓
divisible			✓
line			✓
multiplication			✓
problem			✓
sequence			✓
solve			✓
subtraction			✓
sum			✓
whole number			✓

Set A

1. In each line, two numbers are missing. Select the missing numbers from the pool and place them in their correct places.

a.

29	39	49	59		
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79 394 8 77 24 400

b.

96	48		12	6	
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402 69 89 2 401 58
42 387 3 392 5 98

c.

404		396		388	384
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2. A whole number is divisible by

- 2, if the last digit is divisible by 2;
- 3, if the sum of all its digits is divisible by 3;
- 4, if the last two digits are divisible by 4;
- 5, if the last digit is 0 or 5.

Find the numbers by which each whole number below is divisible.

Your answer may be more than one number.

363 Answer: _____

208 Answer: _____

555 Answer: _____

7524 Answer: _____

3. Complete these additions.

$$\begin{array}{r} 426 \\ + 342 \\ \hline \end{array}$$

$$\begin{array}{r} 525 \\ + 246 \\ \hline \end{array}$$

$$\begin{array}{r} 3952 \\ + 2069 \\ \hline \end{array}$$

4. Find the sum of the following then select the correct response from the drop-down menu.

a. 26,094,136,5613 Answer: _____

b. 34,2006,8 Answer: _____

c. 199,2001,98 Answer: _____

5. Complete these subtractions.

$$\begin{array}{r} 526 \\ - 334 \\ \hline \end{array}$$

$$\begin{array}{r} 545 \\ - 226 \\ \hline \end{array}$$

$$\begin{array}{r} 624 \\ - 248 \\ \hline \end{array}$$

6. Find the difference between the following then select the correct response from the drop-down menu.

- a. 8372 and 617 Answer: _____
- b. 3216 and 3367 Answer: _____
- c. 4000 and 3999 Answer: _____

7. Complete

(a) $36 - 49 + 24 =$

(b) $45 + 37 - 68 =$

(c) $83 - 26 - 38 =$

8. Find the answers:

$$\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 236 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 408 \\ \times 9 \\ \hline \end{array}$$

9. Complete these multiplications.

$$\begin{array}{r} 71 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 651 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 247 \\ \times 32 \\ \hline \end{array}$$

10. Solve these problems then select the correct answer.

a. A box contains 24 pencils. If you have 6 boxes, how many pencils do you have? 124 144 154

b. One mango costs \$1.25. What will be the cost of 12 mangoes? \$15.00 \$20.00 \$26.00

c. One vase holds 6 roses. How many total roses will there be with 20 full vases? 12 120 1200

d. P, Q and R are villages. There are 3 different roads from P to Q, and 4 different roads from Q to R.

i. Draw a diagram showing the villages and all the roads

ii In how many different ways can a car travel from P to R? Answer: _____

11. Find two numbers that have a sum of 10 and a difference of 2. Answer: _____

12. Share 100 shells between John and Joan. Give John 10 more than Joan. How many shells will John get?

Answer: _____