

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 | | |
|----|----|----|----|--|--|

79 394 8 77 24 400

b.

| | | | | | |
|----|----|--|----|---|--|
| 96 | 48 | | 12 | 6 | |
|----|----|--|----|---|--|

402 69 89 2 401 58

42 387 3 392 5 98

c.

| | | | | | |
|-----|--|-----|--|-----|-----|
| 404 | | 396 | | 388 | 384 |
|-----|--|-----|--|-----|-----|

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.

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

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

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

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.

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

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

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

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:

| | | | | | |
|------------|------------|------------|------------|------------|------------|
| 34 | 45 | 67 | 148 | 236 | 408 |
| $\times 2$ | $\times 3$ | $\times 5$ | $\times 6$ | $\times 7$ | $\times 9$ |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |

9. Complete these multiplications.

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

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

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

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: _____