

1

**Write** a correct expression for each problem and solve it:

a) One gift basket contains 5 pieces of fruit. How many pieces of fruit would be in 4 baskets?  
\_\_\_\_\_

b) There are 6 pencils in the box. How many pencils would be in 5 boxes? \_\_\_\_\_

c) One pumpkin weighs as much as 2 watermelons. How many watermelons would balance 6 pumpkins? \_\_\_\_\_

2

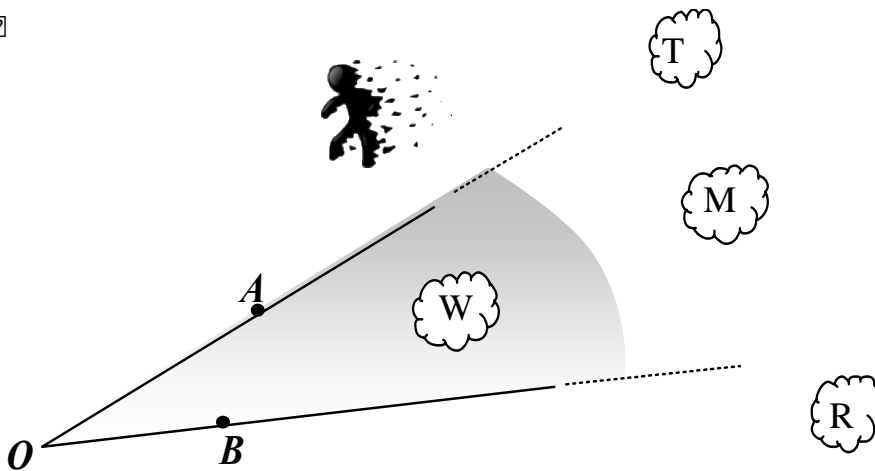
This year on the next day after my birthday I say: “the day after tomorrow is Wednesday”, then my birthday is on (circle the correct answer):

A. Thursday      B. Monday      C. Tuesday      D. Wednesday      E. Sunday

3

Use a ruler to draw a ray starting from a point O – the vertex of angle AOB. A ray should go through clouds W and M.

☐



4

Compare, using  $<$ ,  $>$  or  $=$ :

$$245 - a \quad \underline{\hspace{1cm}} \quad 205 - a$$

$$m - 73 \quad \underline{\hspace{1cm}} \quad m - 37$$

$$c + d \quad \underline{\hspace{1cm}} \quad d + c$$

$$b - 207 \quad \underline{\hspace{1cm}} \quad b - 72$$

$$210 + n \quad \underline{\hspace{1cm}} \quad n + 211$$

$$40 - k \quad \underline{\hspace{1cm}} \quad 140 - k$$

5

Replace shapes with numbers to get an equality in each case.

$$\text{Hexagon} \triangle + \triangle \text{Hexagon} = 77$$

$$\triangle \triangle + \text{Hexagon} \text{Hexagon} = 77$$

$$\square \bigcirc + \bigcirc \square = 77$$

$$\bigcirc \bigcirc + \square \square = 77$$

$$\text{Pentagon} \text{Rect} + \text{Rect} \text{Pentagon} = 77$$

$$\text{Rect} \text{Rect} + \text{Pentagon} \text{Pentagon} = 77$$

1. Example:  $34 + 43 = 77$

4. \_\_\_\_\_

2. \_\_\_\_\_

5. \_\_\_\_\_

3. \_\_\_\_\_

6. \_\_\_\_\_

6

Find the sum using the most convenient method.

$$5 + 15 + 25 + 35 + 45 + 55 + 65 + 75 + 85 + 95 = \underline{\hspace{10em}}$$

7

Write down expressions:

a) Sam had  $A$  pencils, Nick had  $B$  pencils and Emily had  $C$  pencils. How many pencils did all three children have together? \_\_\_\_\_

b) There are  $A$  fishes in the first aquarium and 5 more fishes in the second aquarium. How many fishes are in the 2<sup>nd</sup> aquarium? \_\_\_\_\_

How many fishes are there altogether in the both aquariums? \_\_\_\_\_

8

Express in cm:

$$24\text{dm} = \underline{\hspace{2em}} \text{ cm}$$

$$66\text{dm} = \underline{\hspace{2em}} \text{ cm}$$

$$30\text{dm} = \underline{\hspace{2em}} \text{ cm}$$

$$2\text{dm } 7\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

$$8\text{dm } 5\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

$$80\text{dm } 6\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

$$2\text{m } 3\text{dm } 4\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

$$4\text{m } 6\text{dm } 3\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

$$2\text{m } 7\text{cm} = \underline{\hspace{2em}} \text{ cm}$$

9

Evaluate an expression  $(110 - 2x)$ :

If  $x = 11$ : \_\_\_\_\_

If  $x = 20$ : \_\_\_\_\_

If  $x = 50$ : \_\_\_\_\_

HW 7

Multiplication. Variables. Types of lines.

10

Calculate:

$$\begin{array}{r} 614 \\ + 329 \\ \hline \end{array}$$

$$\begin{array}{r} 407 \\ + 309 \\ \hline \end{array}$$

$$\begin{array}{r} \bullet 910 \\ 502 \\ - 235 \\ \hline \end{array}$$

$$\begin{array}{r} \bullet 910 \\ 700 \\ - 521 \\ \hline \end{array}$$

11

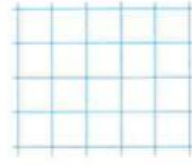
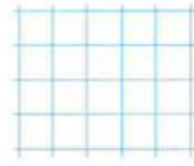
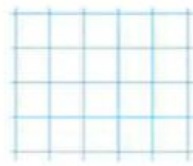
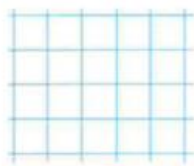
Insert the missing digits and check your answers:

$$\begin{array}{r} + 3\Box5 \\ \Box1\Box \\ \hline 739 \end{array}$$

$$\begin{array}{r} + \Box2\Box \\ 5\Box3 \\ \hline 741 \end{array}$$

$$\begin{array}{r} - \Box\Box6 \\ 34\Box \\ \hline 542 \end{array}$$

$$\begin{array}{r} - 62\Box \\ \Box\Box3 \\ \hline 542 \end{array}$$



12

Collect the like items to simplify:

$$12 + 6 - b - a + 32 + 2a + 2b - a - b = \underline{\hspace{2cm}}$$

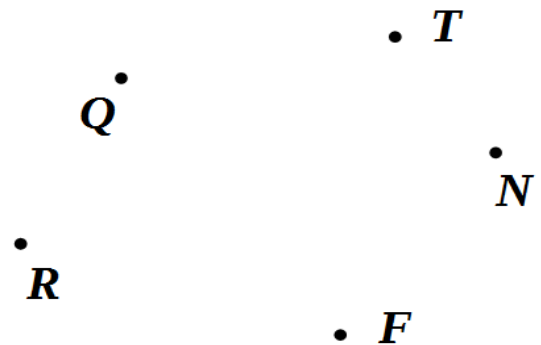
$$25 + a + 5a - 10 = \underline{\hspace{2cm}}$$

$$3 + 237 - a + 4 - a + 7a = \underline{\hspace{2cm}}$$

13

Use a ruler.

- Plot straight line ( $NQ$ ).
- Plot ray ( $RT$ ).
- Label the intersection  $M$ .
- Plot segment [ $MF$ ].



14

How many segments does polygonal line below have? \_\_\_\_\_

How many vertices (points where segments are **connecting to each other** or **end**)? \_\_\_\_\_

Is this chain closed or open? \_\_\_\_\_

Use three line segments to make it closed.

