

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

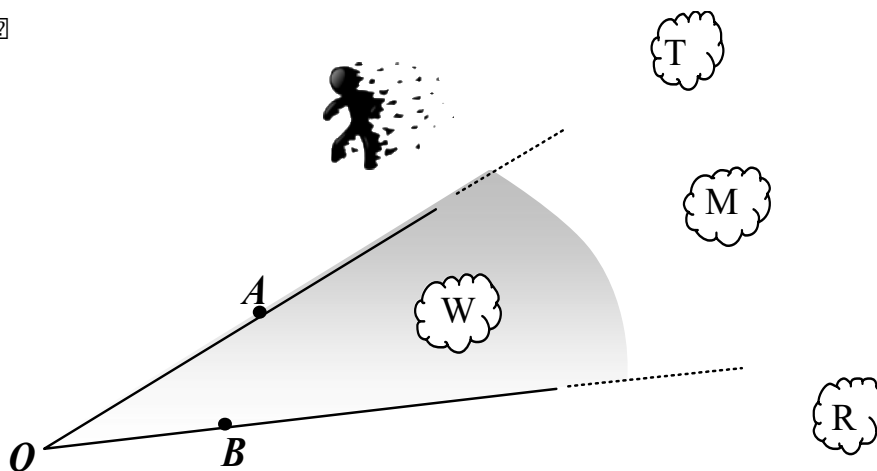
This year on the next day after my birthday I say: “the day after tomorrow is Wednesday”, then my birthday is on (circle the correct answer):

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.

$$\begin{array}{lcl}
 \triangle + \triangle & = & 77 \\
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 \end{array}$$

1. Example: $34 + 43 = 77$

2. _____

3. _____

4. _____

5. _____

6. _____

6

Find the sum using the most convenient method.

$5 + 15 + 25 + 35 + 45 + 55 + 65 + 75 + 85 + 95 =$ _____

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 fish in the first aquarium and 5 more fish in the second aquarium. How many fish are in the 2nd aquarium? _____

How many fish are there altogether in both aquariums? _____

8

Express in cm:

$24\text{dm} =$ _____ cm

$66\text{dm} =$ _____ cm

$30\text{dm} =$ _____ cm

$2\text{dm } 7\text{cm} =$ _____ cm

$8\text{dm } 5\text{cm} =$ _____ cm

$80\text{dm } 6\text{cm} =$ _____ cm

$2\text{m } 3\text{dm } 4\text{cm} =$ _____ cm

$4\text{m } 6\text{dm } 3\text{cm} =$ _____ cm

$2\text{m } 7\text{cm} =$ _____ cm

9

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

If $x = 11$: _____

If $x = 20$: _____

If $x = 50$: _____

10

Calculate:

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

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

$$\begin{array}{r} \bullet 9 \text{ } 10 \\ 502 \\ - 235 \\ \hline \end{array}$$

$$\begin{array}{r} \bullet 9 \text{ } 10 \\ 700 \\ - 521 \\ \hline \end{array}$$

11

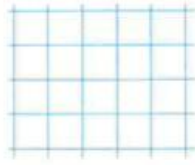
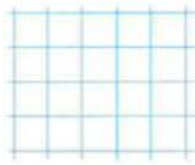
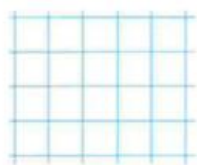
Insert the missing digits and check your answers:

$$\begin{array}{r} 3\square 5 \\ + \square 1\square \\ \hline 739 \end{array}$$

$$\begin{array}{r} \square 2\square \\ + 5\square 3 \\ \hline 741 \end{array}$$

$$\begin{array}{r} \square\square 6 \\ - 34\square \\ \hline 542 \end{array}$$

$$\begin{array}{r} 62\square \\ - \square\square 3 \\ \hline 542 \end{array}$$



12

Collect the like items to simplify:

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

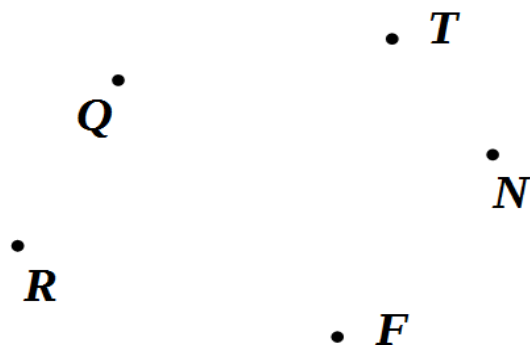
$$25 + a + 5a - 10 = \underline{\hspace{2cm}}$$

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

13

Use a ruler.

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



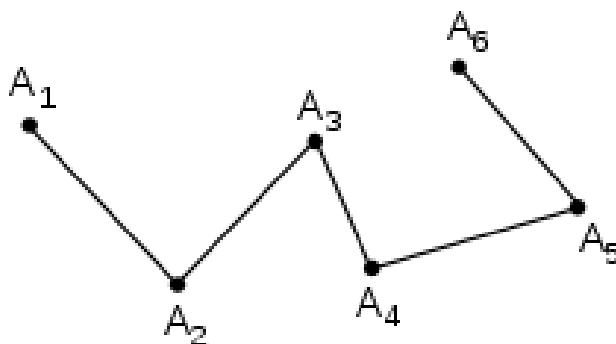
14

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.

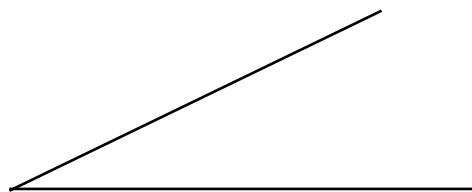
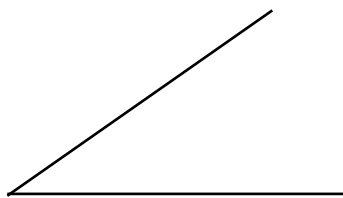


15

Draw a second angle for each case so that the intersection of the two angles would be:

a) ...a quadrilateral;

b). ...a triangle;

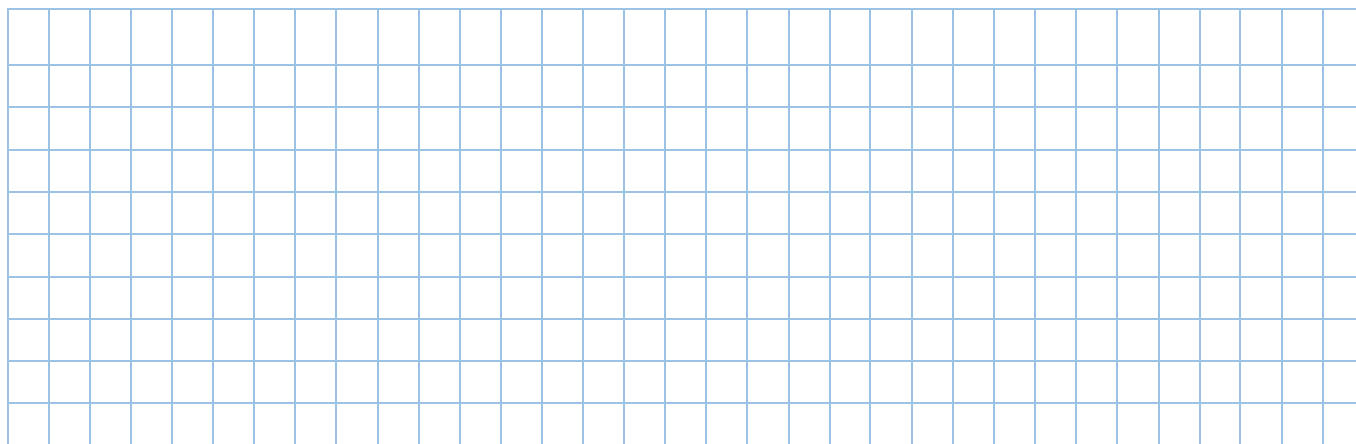


16

Number the order of operations and find the values of each expression (use the graph paper below to calculate!)

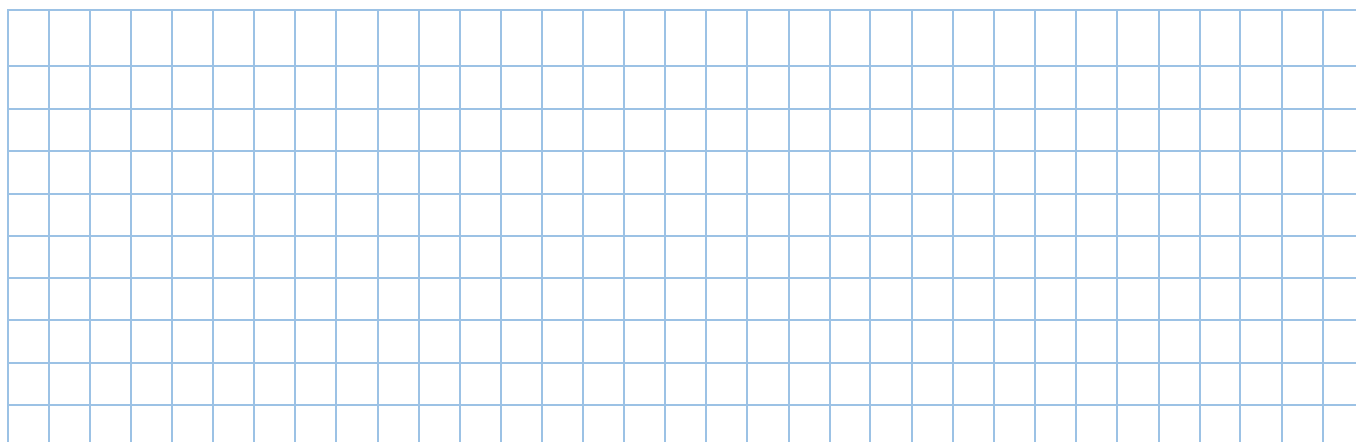
a) $225 - (35 + 43) =$

b) $355 - (41 + 29) + 321 =$



c) $(239 + 131) - (263 - 28) =$

d) $(235 - 123) + (241 + 28) =$



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