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<b>9</b> Set $\mathbf{A} = \{a, 2, x, \Box, 6\}$ Set $\mathbf{B} = \{p, x, 2, \bigcirc\}$ . Make a Venn Diagram for these two sets.
$A \cap B =$
$A \cup B =$
<b>10</b> Complete the statements according to the drawing.
$AB \cap MN = $
$[MN) \cap AB = \_\_\_$
$[NM) \cap AB = \_\_\_ \qquad M \qquad B$
$[MN) \cap [NQ) = $
$[AQ) \cap [QB] = \_ [AQ] \cap [QB] = \_ [AB] \cap [MN] = \_$
<b>11</b> Measure the angles below with a protractor:



**15** Count the number of operations in each expression, including the hidden operations.

Expression	Number of operations
12 <b>y</b>	
42 – ( <b>w</b> +3)	
2x - 3y	
4 <b>q</b> – 10	
3 + 7 - w + (m - 3)	

Operations of *multiplication* might be hidden in an expression:

 $7\mathbf{x} = 7 \times \mathbf{x}$ 

**16** Rex is 2 kg heavier than Fluffy and 9 kg lighter than Barbos. Who is heavier, Fluffy or Barbos, and by how much?

\_\_\_\_ is \_\_\_\_\_ kg heavier.

Rex

**17** Three mice brothers were playing soccer: Jake the Mouse, Little Joe and Pop Eye. One of them accidentally broke the car window. When the cat who owned the car came, they tried to explain what happened:

**JM:** *LJ broke the window.* 

**PY:** *I* did not break the window.

Only one of the mice told the truth.

Who broke the window?



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