



Line 1  $y = 2x + 1$

Line 2  $y = \frac{1}{2}x - 4$

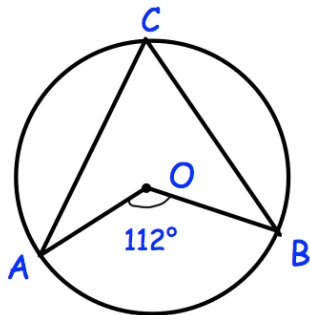
Line 3  $y = x + 1$

Line 4  $y = -\frac{1}{2}x - 3$

Line 5  $y = 10 + x$

Which two lines are parallel?

Which two lines are perpendicular?

Write down the equation of the line parallel of  $y = 2x + 5$  that passes through the point  $(1, 10)$ Convert  $1.2\dot{4}$  into a mixed number

Find angle ACB

A bag contains 10 counters.  
 7 of the counters are red  
 2 of the counters are purple  
 1 of the counters are white  
 Erin chooses a counter at random,  
 records the colour, then replaces it.  
 Erin then chooses a second counter at  
 random and records the colour.

What is the probability that both counters are the same colour?