

Turns and Angles

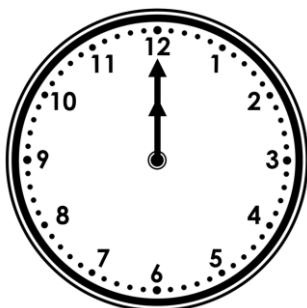
1. True or false?

1. Two half turns clockwise make a whole turn.	
2. Two quarter anti-clockwise turns make a half turn.	
3. Two quarter turns make a whole turn.	



VF
HW/Ext

2. If you start at 12 on the clock, which of these is the odd one out?



A. Two quarter turns clockwise

B. A quarter turn anti-clockwise

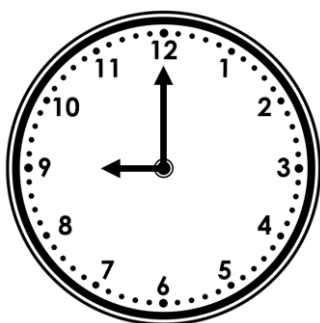
C. A half turn clockwise

D. A half turn anti-clockwise



VF
HW/Ext

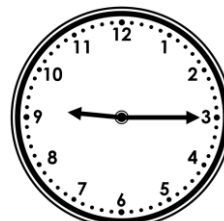
3. Joshua and Sally draw the new time on a clock after the minute hand has moved a quarter turn clockwise.



Joshua



Sally



Who is correct? Explain how you know.



RPS
HW/Ext

Turns and Angles

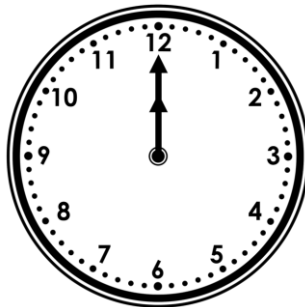
7. True or false?

1. A whole turn is the same as two quarter turns and a half turn clockwise.	
2. If you start at 3 on the clock, two quarter turns clockwise is the same as two quarter turns anti-clockwise.	
3. A $\frac{1}{4}$ turn clockwise is the same as a quarter turn anti-clockwise if you start at 9 on the clock.	



VF
HW/Ext

8. If you start at 12 on the clock, which of these is the odd one out?



A. A half turn then a quarter turn clockwise

B. Three quarter turns clockwise

C. $\frac{1}{4}$ turn anti-clockwise

D. $\frac{1}{4}$ quarter turn clockwise



VF
HW/Ext

9. Mina and Joseph draw the new time on a clock after the minute hand has moved a half turn clockwise followed by a quarter turn clockwise.



Mina



Joseph



Who is correct? Explain how you know.



RPS
HW/Ext