

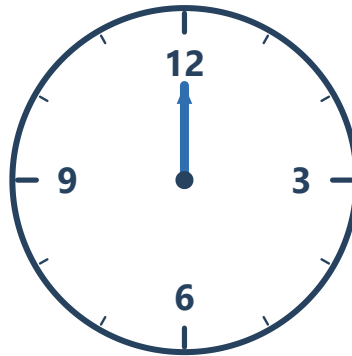
Year 1: Whole, half, quarter and three-quarter turns: answers

Year 1 - Position and Direction - Lesson 11.5

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks1/maths/year-1/ch11-position-direction/whole-half-quarter-and-three-quarter-turns/

Exercise 11E Quarter, half and whole turns Non-calculator

- 1 How many quarter turns make a whole turn?

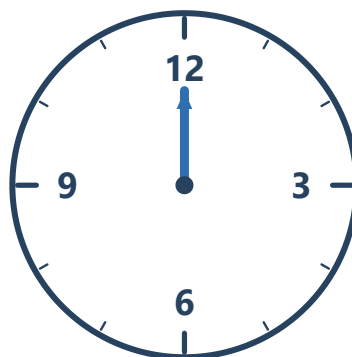


Answer: 4

- 2 How many quarter turns make a half turn?

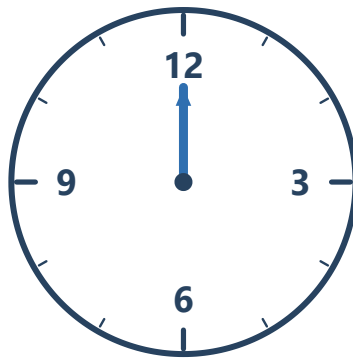
Answer: 2

- 3 The arrow starts on 12. Turn it clockwise, a half turn. Which number does it point to now?



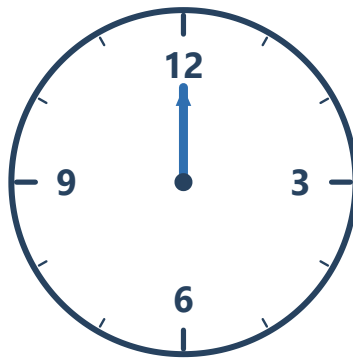
Answer: 6

- 4 The arrow starts on 12. Turn it clockwise, a whole turn. Which number does it point to now?



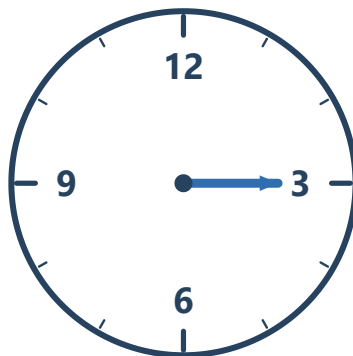
Answer: 12

- 5** The arrow starts on 12. Turn it clockwise, a quarter turn. Which number does it point to now?



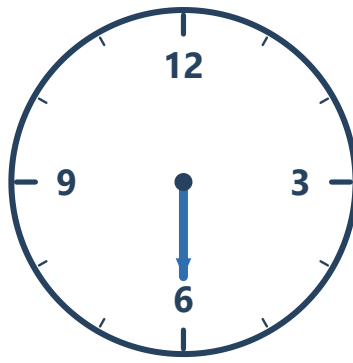
Answer: 3

- 6** The arrow starts on 3. Turn it clockwise, a quarter turn. Which number does it point to now?



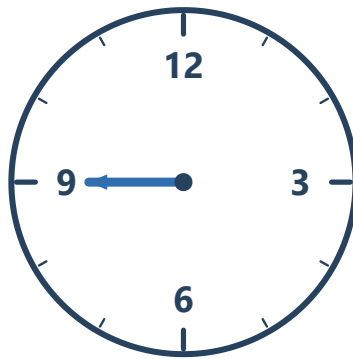
Answer: 6

- 7** The arrow starts on 6. Turn it clockwise, a three-quarter turn. Which number does it point to now?



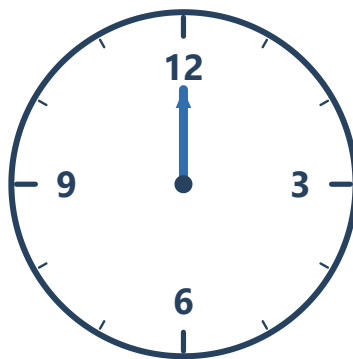
Answer: 3

- 8** The arrow starts on 9. Turn it clockwise, a half turn. Which number does it point to now?



Answer: 3

- 9** The arrow starts on 12. Where does it point after each clockwise turn?



- (a)** A quarter turn

Answer: 3

- (b)** A half turn

Answer: 6

- (c) A three-quarter turn

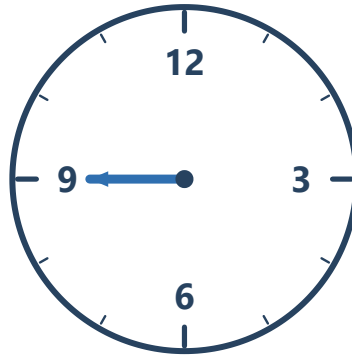
Answer: 9

- (d) A whole turn

Answer: 12

10

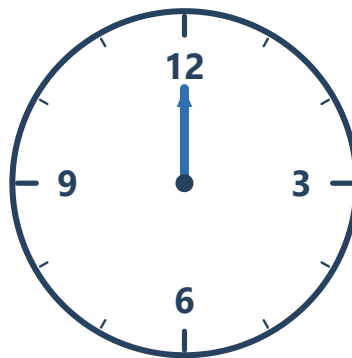
The arrow points to 9. Sam turns it a quarter turn clockwise. He says it now points to 6. Is Sam right?



Answer: No. It points to 12.

11

Ali starts with the arrow on 12. He turns it 2 quarter turns clockwise. Then he turns it 1 more quarter turn clockwise. Which number does it point to now?



Answer: 9