

Name _____

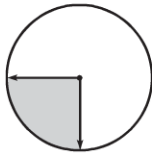
Angles and Fractional Parts of a Circle

COMMON CORE STANDARD CC.4.MD.5a

Geometric measurement: understand concepts of angle and measure angles.

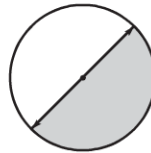
Tell what fraction of the circle the shaded angle represents.

1.

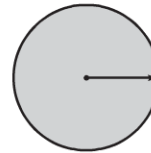


$\frac{1}{4}$

2.

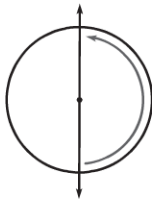


3.

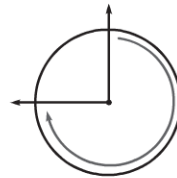


Tell whether the angle on the circle shows a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, or 1 full turn clockwise or counterclockwise.

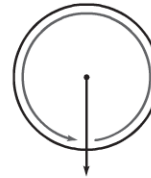
4.



5.



6.



Problem Solving **REAL WORLD**

7. Shelley exercised for 15 minutes. Describe the turn the minute hand made.



Start



End

8. Mark took 30 minutes to finish lunch. Describe the turn the minute hand made.



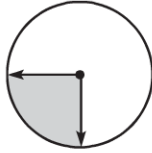
Start



End

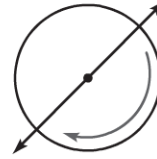
Lesson Check (CC.4.MD.5a)

1. What fraction of the circle does the shaded angle represent?



- (A) $\frac{1}{1}$ or 1 (C) $\frac{1}{2}$
 (B) $\frac{3}{4}$ (D) $\frac{1}{4}$

2. Which describes the turn shown below?



- (A) $\frac{1}{4}$ turn clockwise
 (B) $\frac{1}{2}$ turn clockwise
 (C) $\frac{1}{4}$ turn counterclockwise
 (D) $\frac{1}{2}$ turn counterclockwise

Spiral Review (CC.4.OA.4, CC.4.NF.1, CC.4.NF.4c, CC.4.NF.7)

3. Which shows $\frac{2}{3}$ and $\frac{3}{4}$ written as a pair of fractions with a common denominator?

(Lesson 6.4)

- (A) $\frac{2}{3}$ and $\frac{4}{3}$
 (B) $\frac{6}{9}$ and $\frac{6}{8}$
 (C) $\frac{2}{12}$ and $\frac{3}{12}$
 (D) $\frac{8}{12}$ and $\frac{9}{12}$

4. Raymond bought $\frac{3}{4}$ of a dozen rolls. How many rolls did he buy? (Lesson 8.4)

- (A) 3
 (B) 6
 (C) 7
 (D) 9

5. Which of the following lists all the factors of 18? (Lesson 5.1)

- (A) 1, 2, 4, 9, 18
 (B) 1, 2, 3, 6, 9, 18
 (C) 2, 3, 6, 9
 (D) 1, 3, 5, 9, 18

6. Jonathan rode 1.05 miles on Friday, 1.5 miles on Saturday, 1.25 miles on Monday, and 1.1 miles on Tuesday. On which day did he ride the shortest distance? (Lesson 9.7)

- (A) Monday (C) Friday
 (B) Tuesday (D) Saturday