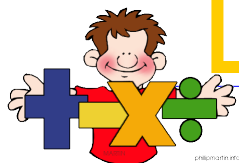


Math Connections



Math Course 2—Week 6 Answers

Naming Quadrilaterals And Angles 8.2.1 - 8.3.4 Answers

Answers

- | | | |
|--|--|------------------------|
| 1. parallelogram,
trapezoid | 2. rhombus,
parallelogram,
trapezoid | 3. trapezoid |
| 4. rectangle,
parallelogram,
trapezoid | 5. square, rhombus,
rectangle,
parallelogram,
trapezoid | 6. not a quadrilateral |
| 7. acute, 25° | 8. obtuse, 110° | 9. obtuse, 153° |
| 10. right, 90° | 11. acute, 80° | 12. acute, 82° |

Angle Pair Relationships 8.3.2 Answers

Answers

- | | | |
|----------------------------|---|---|
| 1. $m\angle a = 100^\circ$ | 2. $m\angle b = 55^\circ$ | 3. $m\angle c = 105^\circ$
$m\angle d = 75^\circ$
$m\angle e = 105^\circ$ |
| 4. $m\angle f = 50^\circ$ | 5. $m\angle g = 60^\circ$
$m\angle h = 50^\circ$
$m\angle i = 70^\circ$ | 6. $m\angle j = 75^\circ$ $m\angle k = 65^\circ$
$m\angle l = 40^\circ$ $m\angle m = 140^\circ$
$m\angle n = 105^\circ$ $m\angle p = 105^\circ$ |

Circles - Circumference and Area 9.1.1 and 9.1.2 Answers

Answers

1. 113.04 cm^2
2. 32.15 in.^2
3. 200.96 ft^2
4. $\frac{11}{14} \text{ m}^2$
5. $\frac{88}{175} \text{ cm}^2$
6. 78.5 in.^2
7. 40.69 cm^2
8. $15 \frac{51}{36}$ or 15.90 in^2
9. 165.05 ft^2
10. 453.67 m^2

Circles - Circumference And Area 9.1.1 and 9.1.2 Answers

Answers

1. 37.68 in.
2. 10.68 cm.
3. 13.19 ft
4. 78.5 m
5. 9.67 mi
6. 25.12 ft
7. 31.40 cm
8. 15.4 yds
9. 11.3 ft
10. 62 mm