Unit: Angles & Triangles
Solve and Color

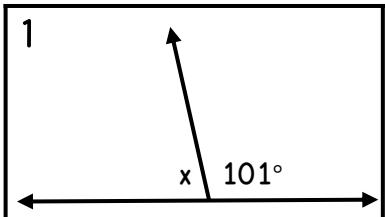
Name _____

Date _____ Pd_____

COMPLEMENTARY & SUPPLEMENTARY ANGLES

Write and solve an equation to determine the missing angle measures. Determine the value of x. Then, use the color that corresponds with each solution to color the picture on the next page.

1



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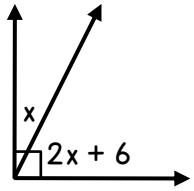

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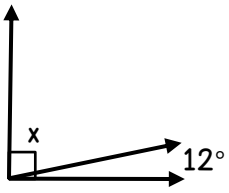

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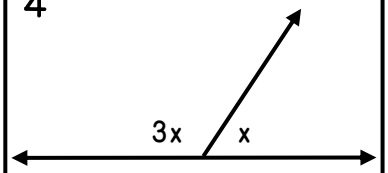

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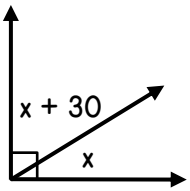

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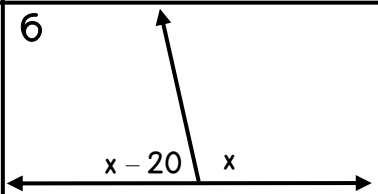

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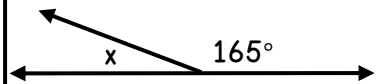

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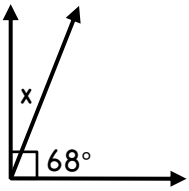

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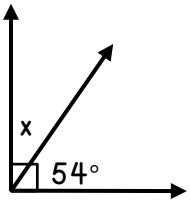

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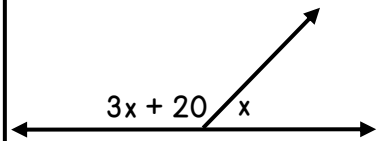

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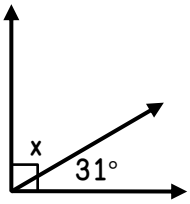

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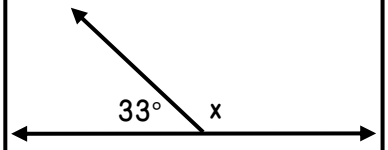


13 The complement of an angle is three times the measurement of the angle. Find the measurement of the larger angle.

14 Two angles are supplementary. The first angle is 3x degrees. The second angle is (2x + 25) degrees. Determine the measure of the smaller angle.

15 The supplement of an angle is twice the measurement of the angle. Find the measurement of the smaller angle.

16 Two angles are complementary. The first angle is 2x degrees. The second angle is (x + 30) degrees. Determine the larger angle.

RED	YELLOW	PINK	BLUE	LIGHT GREEN	ORANGE	DARK GREEN	PURPLE
45°	40°	22°	147°	100°	60°	15°	59°
67.5°	79°	30°	78°	50°	87°	28°	36°

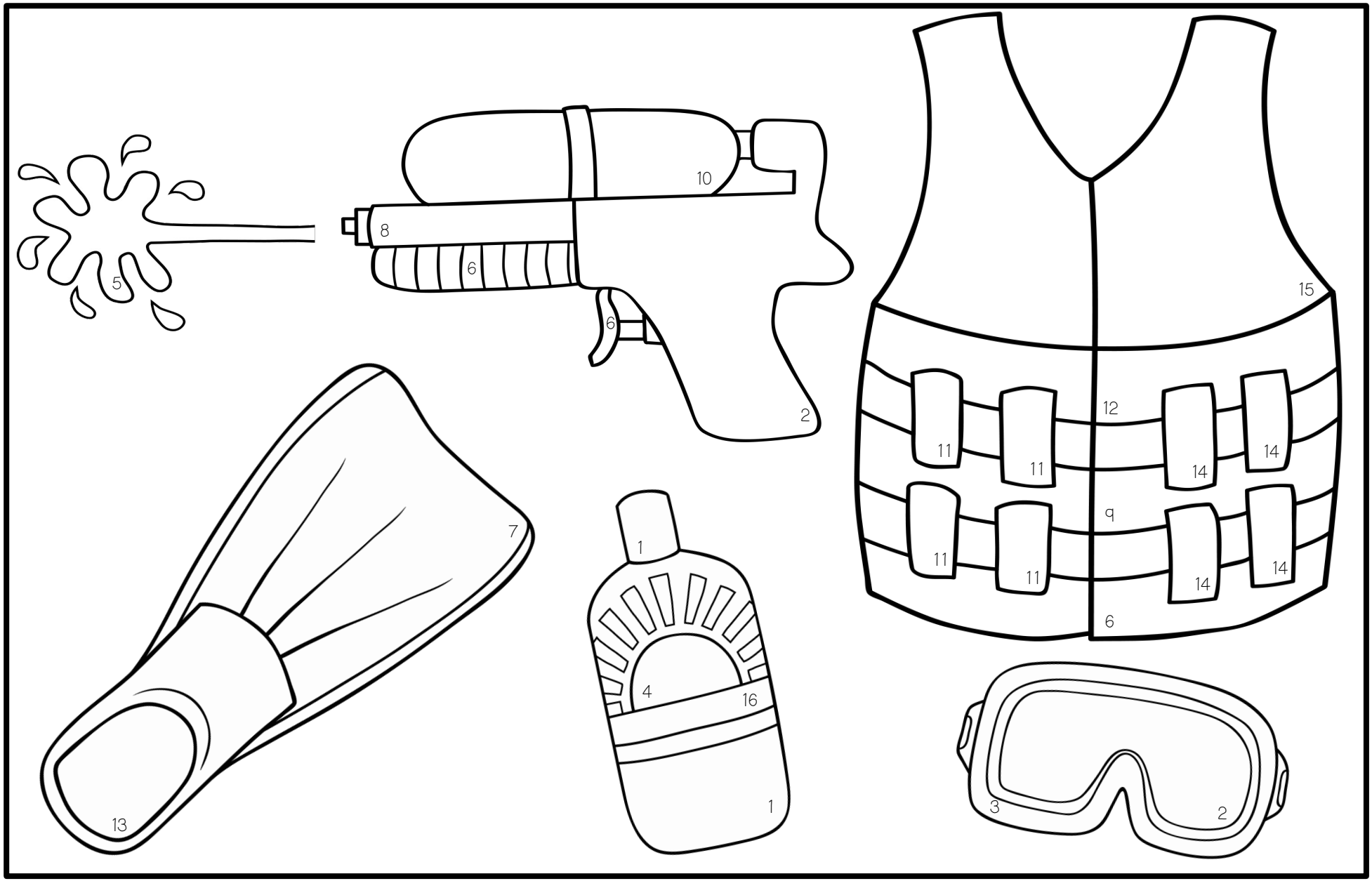
Unit: Angles & Triangles
Solve and Color

Name _____

Date _____Pd_____

COMPLEMENTARY & SUPPLEMENTARY ANGLES

Solve each problem. Then, use the color that corresponds with each solution to color the picture below.



Unit: Angles & Triangles
Solve and Color

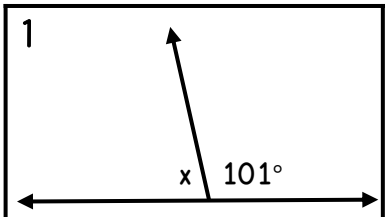
Name Answer Key

Date _____ Pd_____

COMPLEMENTARY & SUPPLEMENTARY ANGLES

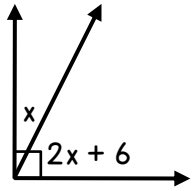
Write and solve an equation to determine the missing angle measures. Determine the value of x. Then, use the color that corresponds with each solution to color the picture on the next page.

1



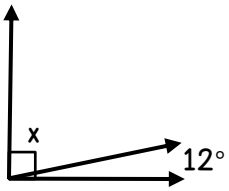
79°

2



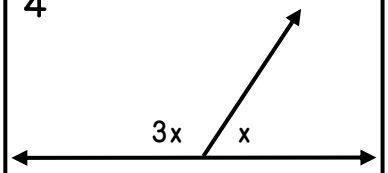
28°

3



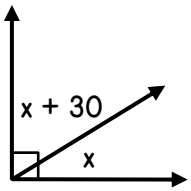
78°

4



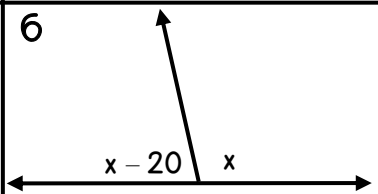
45°

5



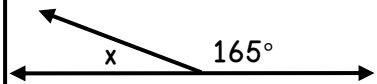
30°

6



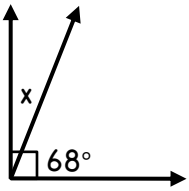
100°

7



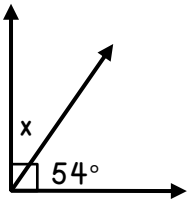
15°

8



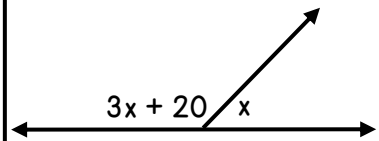
22°

9



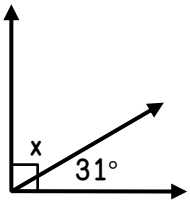
36°

10



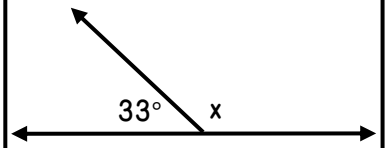
40°

11



59°

12



147°

13 The complement of an angle is three times the measurement of the angle. Find the measurement of the larger angle.

67.5°

14 Two angles are supplementary. The first angle is 3x degrees. The second angle is (2x + 25) degrees. Determine the measure of the smaller angle.

87°

15 The supplement of an angle is twice the measurement of the angle. Find the measurement of the smaller angle.

60°

16 Two angles are complementary. The first angle is 2x degrees. The second angle is (x + 30) degrees. Determine the larger angle.

50°

RED	YELLOW	PINK	BLUE	LIGHT GREEN	ORANGE	DARK GREEN	PURPLE
45°	40°	22°	147°	100°	60°	15°	59°
67.5°	79°	30°	78°	50°	87°	28°	36°