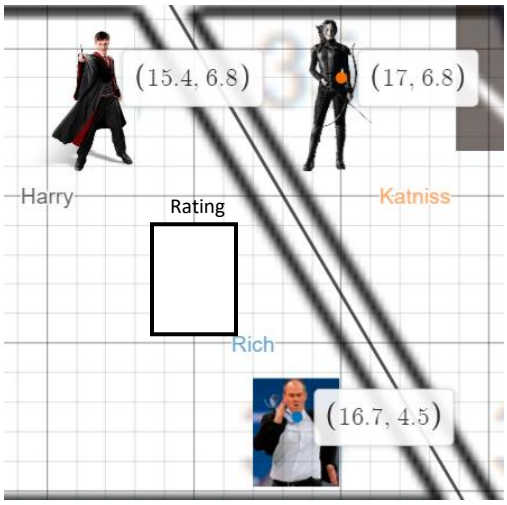
Name _____

Concept Review (22) 3/5/21

8.G.8



Find each **distance.**

Harry to Katniss

Katniss to Rich

Rich to Harry

8.NS.1

– 5.451 Rational / Irrational

$\sqrt[4]{16}$ Rational / Irrational

$\frac{-5}{11}$ Rational / Irrational

$\sqrt{\pi}$ Rational / Irrational

$\sqrt[3]{1131}$ Rational / Irrational

Rating

Convert each **decimal** to a **fraction**.

5.8 _____ – 9.34 _____

$6.\overline{72}$ _____ $0.\overline{81}$ _____

0.4 _____ $2.\overline{1}$ _____

8.G.6

Prove whether each set of side lengths forms an acute, obtuse, or right triangle.

6, 8, 12 acute / right / obtuse

87, 116, 145 acute / right / obtuse

14, 5, 11 acute / right / obtuse

8.G.5

Angle 1 =

Angle 2 =

Angle 3 =

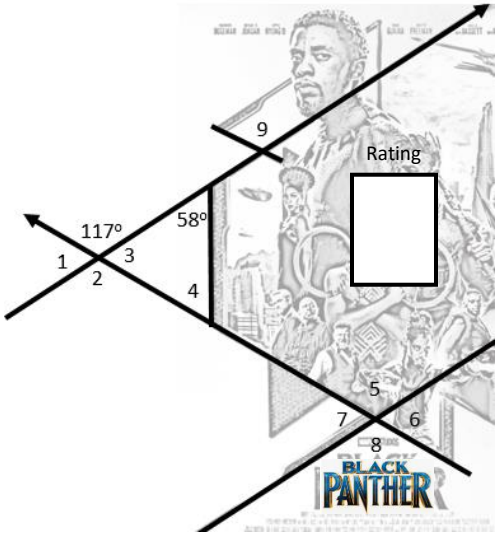
Angle 4 =

Angle 5 =

Angle 6 =

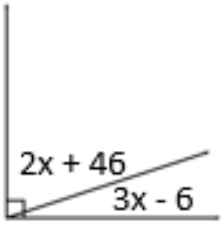
Angle 7 =

Angle 8 =



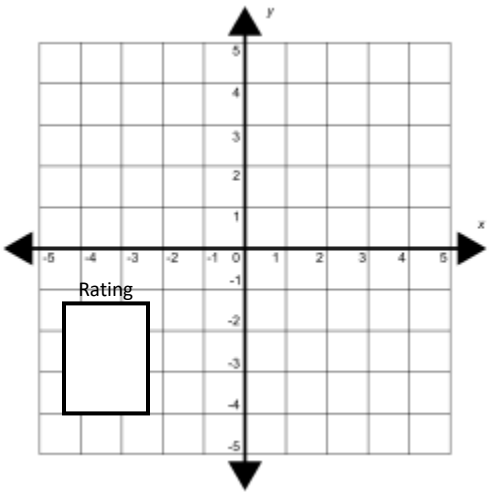
8.EE.7 and **8.G.7**

State the relationship between the given angles, then solve for x.



8.G.8

Solve the system by graphing and substitution.

$y = 7x - 3$

$y = -2x + 2$