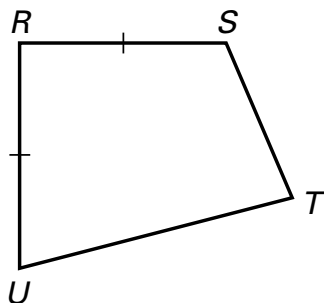NAME ————————————————— DATE ————

WARM-UP EXERCISES

For use before Lesson 6.7, pages 371–380

1. $P = 2L + 2W$; Find P when $L = 3$ and $W = 5$.

2. $A = \pi r^2$; Find A for $\pi = 3.14$ and $r = 3$.

3. $A = \pi d$; Find d for $\pi = 3.14$ and $A = 21.98$.

4. $P = 4s$; Find P when $s = 10$.

5. $P = 2b + a$; Find b when $a = 5$ and $P = 23$.

DAILY HOMEWORK QUIZ

For use after Lesson 6.6, pages 364–370

1. For which special quadrilaterals is it *sometimes*, but *not always* true that the diagonals are congruent?

2. What kinds of quadrilaterals meet the conditions shown? *RSTU* is not drawn to scale.

What kind of quadrilateral is *EFGH*? Justify your answer.

3. $E(-3, -2)$, $F(-1, 1)$, $G(2, 3)$, $H(3, -3)$

4. $E(1, 4)$, $F(4, 3)$, $G(-1, -2)$, $H(-2, 1)$