Quadrilaterals 3
Geometry

Find the missing angle.

1) $x = 125^0$
73°
x
88°
74°

2)
69°
x
$x = 111^0$
111°
69°

3) $x = 87^0$
62°
x
107°
104°

4)
81°
99°
$x = 99^0$
81°
x
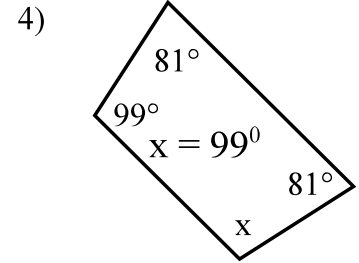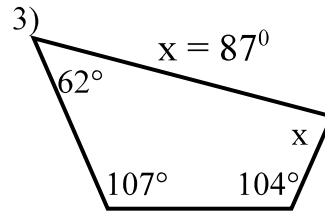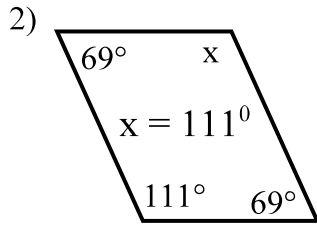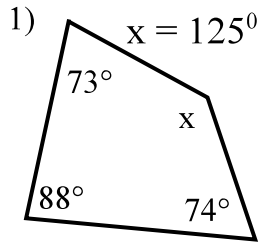
Identify the quadrilaterals.

5) Rhombus

6) Quadrilateral

7) Square

8) Kite

9) Parallelogram

10) Quadrilaterals

11) Trapezoid

12) Rhombus

13) Rectangle

14) Trapezoid

15) Kite

16) Parallelogram

17) Rectangle

18) Quadrilateral
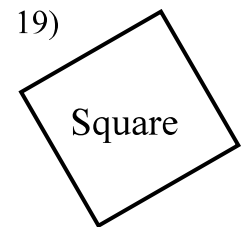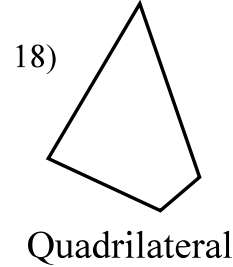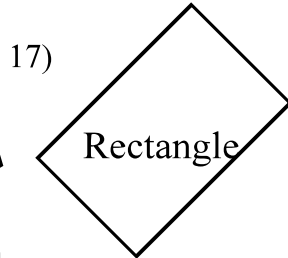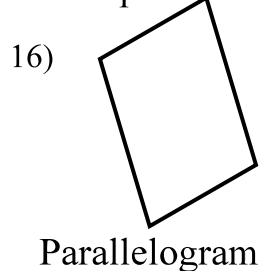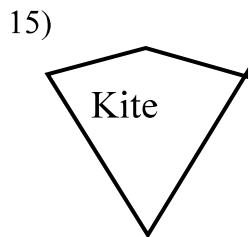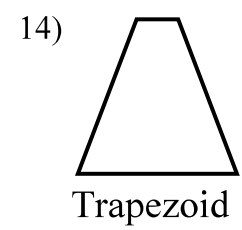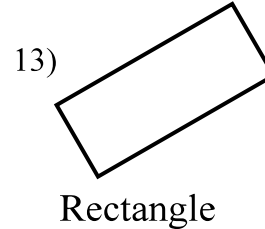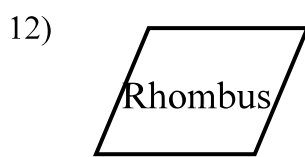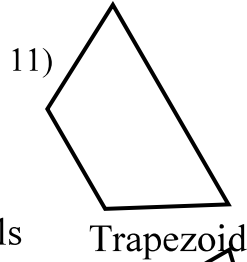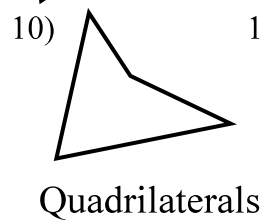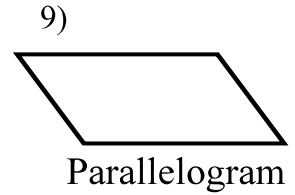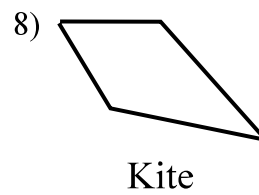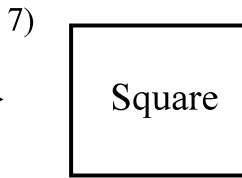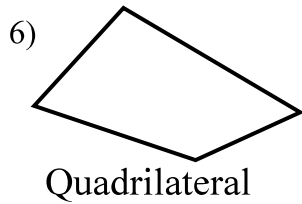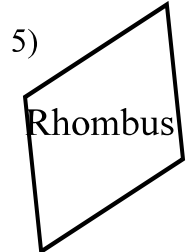
19) Square

Use the words *always*, *sometimes*, or *never* to complete each sentence accurately.

20) A parallelogram is <u>sometimes</u> a square.   21) A kite is <u>never</u> a rhombus.
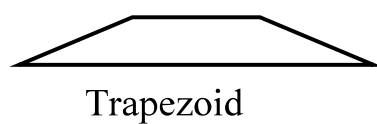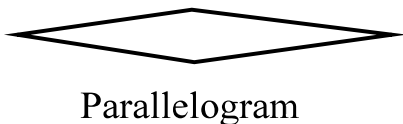
22) A quadrilateral is <u>sometimes</u> a rectangle.   23) A square is <u>always</u> a rectangle.

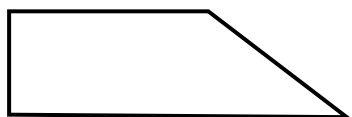24) A rhombus is <u>never</u> a trapezoid.   25) A parallelogram is <u>always</u> a quadrilateral.

Try to draw a quadrilateral with the following properties. Name each, if possible.
26) Exactly two acute angles.   27) Exactly two congruent sides.
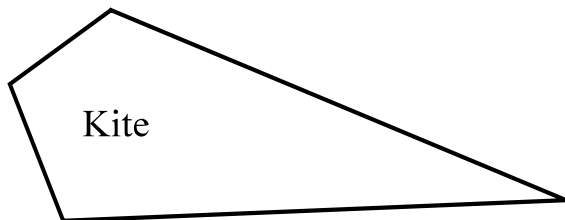
Parallelogram   Trapezoid

28) Exactly two right angles.

Trapezoid

29) Exactly three obtuse angles.

Kite