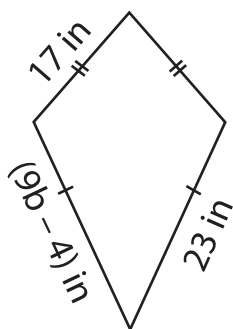Name : _____

Two-Step Equations: Shapes

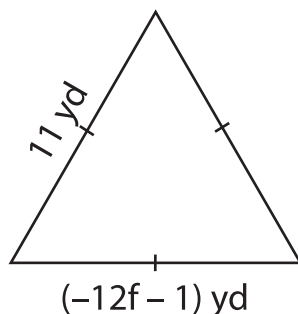Find the unknown value given in each shape.

1)

17 in
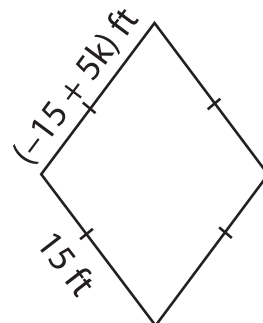(9b − 4) in
23 in

b = _____

2)

11 yd
(−12f − 1) yd

3)

(−15 + 5k) ft
15 ft

k = _____

4)

(8a + 20) yd
9 yd
7 yd
4 yd
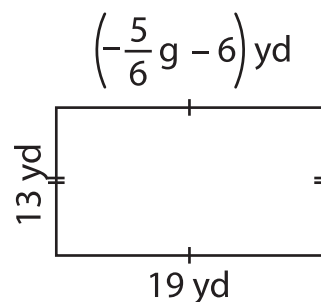
a = _____
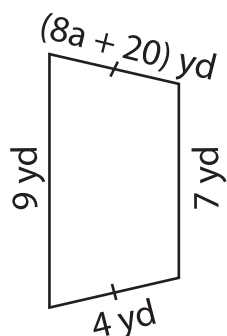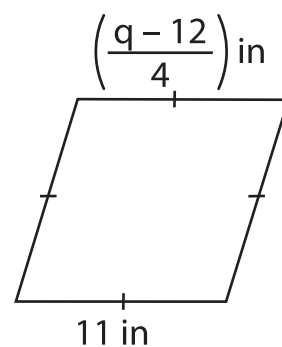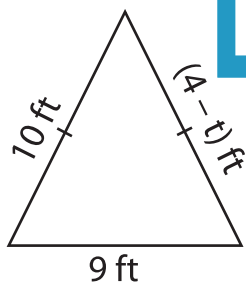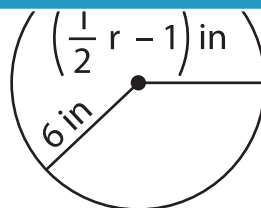
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6)

$\left(\dfrac{q - 12}{4}\right)$ in

11 in

q = _____

7)

10 ft
(4 − t) ft
9 ft

t = _____

$\left(\dfrac{1}{2}\,r - 1\right)$ in
6 in

r = _____

9)

$\left(-\dfrac{5}{6}\,g - 6\right)$ yd
13 yd
19 yd

g = _____