Problem Set G6 M5 L1   Page 4
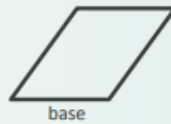
Area of Parallelograms

Problem Set

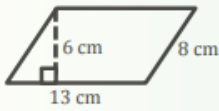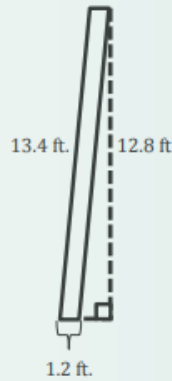Draw and label the height of each parallelogram.

$$Area = b * h$$

1.

base

2.

base

Calculate the area of each parallelogram. The figures are not drawn to scale.
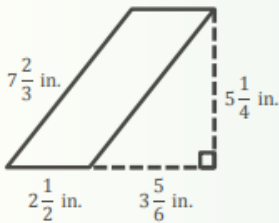
3.

6 cm   8 cm

13 cm

$$Area = b * h$$

4.

13.4 ft.   12.8 ft.

1.2 ft.

5.

$7\frac{2}{3}$ in.

$5\frac{1}{4}$ in.

$2\frac{1}{2}$ in. $3\frac{5}{6}$ in.
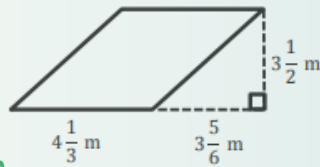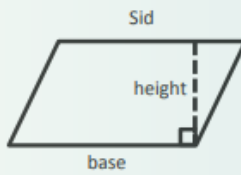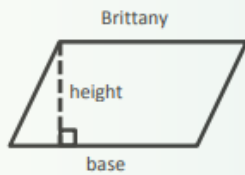
6.

$3\frac{1}{2}$ m

$4\frac{1}{3}$ m $3\frac{5}{6}$ m

$$Area = b * h$$

7. Brittany and Sid were both asked to draw the height of a parallelogram. Their answers are below.

Brittany

height

base

Sid

height

base

Are both Brittany and Sid correct? If not, who is correct? Explain your answer.

8. Do the rectangle and parallelogram below have the same area? Explain why or why not.

$$Area = b * h$$

8 ft.

15 ft.

10 ft.   8 ft.

15 ft.