

# Lesson 1 Homework Practice

## Estimate Products of Fractions

Estimate each product.

1.  $\frac{1}{3} \times 28$

2.  $\frac{1}{7} \times 20$

3.  $\frac{1}{9}$  of 83

4.  $\frac{1}{11}$  of 47

5.  $\frac{5}{8} \times 23$

6.  $\frac{2}{3} \times 76$

7.  $\frac{2}{5}$  of 37

8.  $\frac{6}{7}$  of 51

9.  $\frac{3}{5} \times \frac{2}{9}$

10.  $\frac{7}{8} \times \frac{4}{5}$

11.  $\frac{10}{19} \times \frac{7}{8}$


12.  $\frac{3}{4} \times \frac{3}{7}$


13.  $2\frac{6}{7} \times 3\frac{1}{4}$

14.  $12\frac{9}{10} \times 6\frac{1}{4}$

15.  $4\frac{3}{8} \times 17\frac{2}{7}$

Estimate the area of each rectangle.

16.   $2\frac{1}{3}$  ft  
 $6\frac{5}{8}$  ft

17.   $4\frac{15}{16}$  in.  
 $5\frac{1}{8}$  in.

18. **SCULPTURE** Trevor is using the recipe for sculpture-carving material shown at the right.

a. About how many cups of cement would he need to make  $\frac{4}{9}$  batch of the recipe?

b. About how many cups of sand would he need to make  $1\frac{6}{7}$  batches of the recipe?

### Girostone Recipe

5 cup vermiculite

$1\frac{1}{4}$  cup cement

$\frac{5}{8}$  cup sand

water to form thick paste