

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

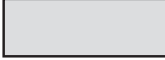
12. $\frac{3}{4} \times \frac{3}{7}$

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