## Multiplying Mixed Numbers

Find each product. Simplify if possible.

1. $3 \frac{1}{2} \times 1 \frac{2}{3}$ $\qquad$ 2. $1 \frac{1}{8} \times 2 \frac{1}{3}$ $\qquad$ 3. $7 \times 1 \frac{1}{4}$
2. $2 \frac{1}{6} \times 1 \frac{1}{5}$ $\qquad$ 5. $3 \frac{1}{6} \times 18$ $\qquad$ 6. $1 \frac{1}{8} \times 2 \frac{1}{2}$
3. $1 \frac{2}{3} \times 2 \frac{1}{4}$ $\qquad$ 8. $10 \times 1 \frac{1}{3}$ $\qquad$ 9. $2 \frac{4}{5} \times 3 \frac{1}{3}$
$\qquad$

Evaluate each expression for $S=1 \frac{4}{5}$.

## 10. $2 \frac{1}{3} S$

11. $3 \frac{3}{4} S$ $\qquad$ 12. $5 \frac{1}{6} S$

Use the table to answer the questions.
13. If Berkeley receives $1 \frac{1}{4}$ times its average January rainfall, how much rain will it receive?
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14. How much rain will Berkeley receive if it is $2 \frac{1}{3}$ times the October average?

Average Rainfall in Berkeley, California

| January | $3 \frac{7}{10}$ in. |
| :---: | :---: |
| April | $1 \frac{4}{5}$ in. |
| October | $1 \frac{1}{2} \mathrm{in}$. |

$\qquad$
15. Which month has about twice the rainfall as April?
16. Jessie stacked photographs of 6 zoo animals on top of each other to create a display. Each photo is $14 \frac{1}{4} \mathrm{in}$. high. How high is the display?

A $84 \frac{2}{3} \mathrm{in}$.
B $85 \frac{1}{2} \mathrm{in}$.
C $86 \frac{3}{4} \mathrm{in}$.
D 87 in .
17. Writing to Explain Explain how you would find $2 \times 2 \frac{1}{3}$ using the Distributive Property.
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