

Finding Equivalent Fractions

NCTM Standards 1, 2, 7, 8, 9, 10

- Check (✓) the fraction machines that produce the result shown.
- Cross out (X) the fraction machines that do not.
- Fill in the boxes on the left with the smallest numbers that produce the result shown.

1

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">12 oz</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \times </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \div </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">6 oz</div>	 \times 2 \div 3 	✓ \times 2 \div 4	\times 1 \div 2	\times 3 \div 4
	\times 6 \div 1	\times 3 \div 6	\times 12 \div 6	\times 5 \div 10

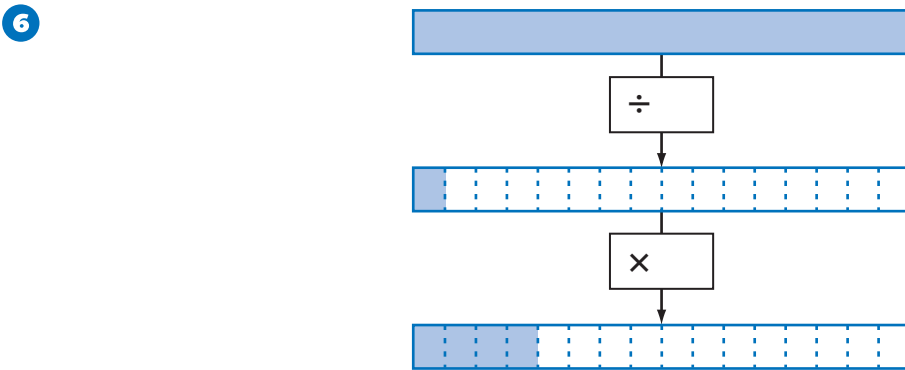
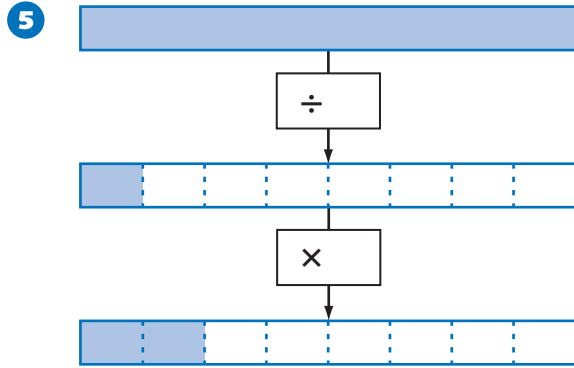
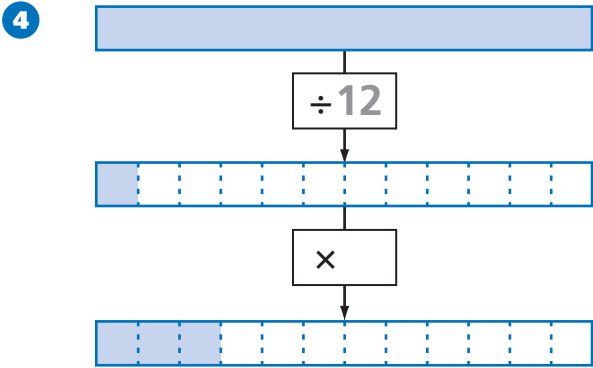
2

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">24 in.</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \times </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \div </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">36 in.</div>	✓ \times 3 \div 2	\times 2 \div 3	\times 12 \div 8	\times 9 \div 6
	\times 21 \div 14	\times 6 \div 4	\times 3 \div 12	\times 15 \div 10

3

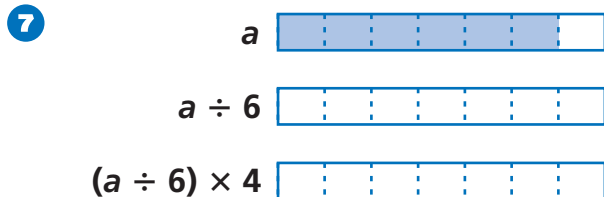
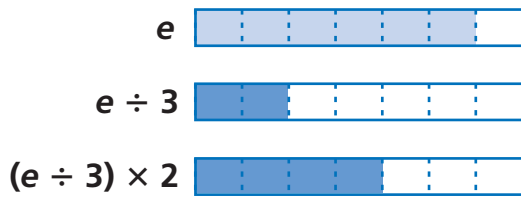
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">\$60</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \times </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> \div </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">\$36</div>	\times 18 \div 30	\times 6 \div 10	\times 10 \div 15	\times 15 \div 25
	\times 9 \div 15	\times 16 \div 3	\times 3 \div 5	\times 12 \div 20

Write the numbers to show the dividing and multiplying.



Complete the grids.

Example



8 Challenge

