

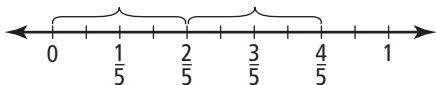
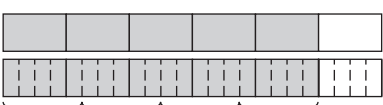
6.2

Dividing a Fraction by a Whole Number

MathLinks 8, pages 204–209

Key Ideas Review

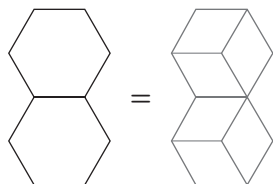
Match each model in column B to a division statement in column A.

A	B
1. $\frac{1}{3} \div 3$ _____	a) 
2. $\frac{5}{6} \div 4$ _____	b) 
3. $\frac{4}{5} \div 2$ _____	c) 

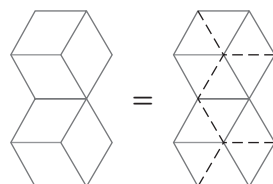
Practise and Apply

4. Determine each quotient. Use the pattern blocks to show your thinking. In this question,  represents 1 whole.

a) $\frac{1}{2} \div 3$



b) $\frac{5}{6} \div 2$



5. Determine each quotient. Use the fraction strips to show your thinking.

a) $\frac{1}{3} \div 4$



b) $\frac{5}{6} \div 3$

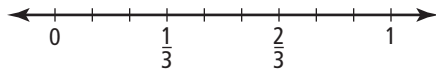


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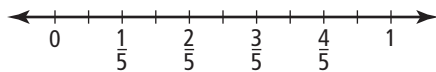
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6. Determine each quotient by completing the number lines.

a) $\frac{2}{3} \div 3$



b) $\frac{3}{5} \div 2$



7. Jim and two friends offered to help Jim's father paint a room. There is $\frac{2}{3}$ of a can of paint left. If the paint is shared evenly, how much paint will each person get?

a) Write a division statement to answer this problem.

b) Use a model to determine the quotient.

8. A board that is $\frac{3}{5}$ of a metre long is cut in half. What fraction of a metre is each piece?

a) Write a division statement to answer this problem.

b) Use a model to determine the quotient.

9. Teresa finds $\frac{9}{12}$ of a chocolate bar to share with 3 friends. What fraction of a chocolate bar does each person get?

a) Write a division statement to answer this problem.

b) Use a model to determine the quotient.