

Dividing Mixed Numbers**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. Write $3\frac{5}{6}$ as an improper fraction.
a. $\frac{14}{6}$ b. $\frac{8}{6}$ c. $\frac{33}{6}$ d. $\frac{23}{6}$
- _____ 2. Divide. $2\frac{2}{7} \div \frac{2}{9}$
a. $3\frac{2}{7}$ b. $\frac{32}{63}$ c. $10\frac{2}{7}$ d. $9\frac{2}{7}$
- _____ 3. Divide. $2\frac{1}{3} \div 2\frac{1}{2}$
a. $\frac{14}{15}$ b. $5\frac{5}{6}$ c. $\frac{2}{3}$ d. $1\frac{1}{14}$
- _____ 4. You have $2\frac{2}{3}$ cups of dried fruit to divide evenly among 5 children.
How many cups of fruit will each child receive?
a. $\frac{15}{8}$ b. $\frac{8}{15}$ c. $\frac{7}{15}$ d. $\frac{15}{7}$
- _____ 5. Mr. Johnston needs a shelf to hold a set of textbooks. Each book is $3\frac{3}{4}$ cm wide.
How many books will fit on an 86 cm wide shelf?
a. 32 books b. 22 books c. 28 books d. 23 books

Short Answer

6. Use multiplication to find this quotient. $2\frac{2}{5} \div 3\frac{3}{4}$
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Name: _____

ID: A

7. It takes Rhonda $13\frac{1}{2}$ h to build a model. She worked on her model for $2\frac{1}{4}$ h each evening. How many evenings does it take her to finish her model?
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8. A recipe for chocolate chip cookies calls for $1\frac{1}{4}$ cups of chocolate chips. If Eileen has $5\frac{5}{8}$ cups of chips, how many batches of cookies can she make?
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9. A piece of ribbon is $33\frac{1}{4}$ m long. How many $2\frac{3}{8}$ -m pieces can be cut from this length of ribbon?
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10. Evaluate. $2\frac{7}{10} \times 1\frac{1}{4} \div 3\frac{3}{8}$