

Color by Code Valentine's Day

Multiply Mixed Number Fractions

Two sample worksheets for "Color by Code" with mixed number multiplication problems. The left worksheet is titled "Color by Code" and the right is "Color by Code with Answers". Both show a large heart shape divided into sections, each containing a multiplication problem. The right worksheet shows the same heart shape with the sections colored according to the code.

Color by Code

Directions: Color the picture using the code below. Write your answer in simplest form.

Red Light: $3 \frac{1}{2} \times \frac{1}{4}$	Yellow: $3 \frac{1}{2} \times \frac{1}{2}$	Magenta: $1 \frac{2}{3} \times \frac{1}{4}$	Green Light: $1 \frac{1}{8} \times \frac{1}{8}$	Blue Light: $\frac{5}{12} \times \frac{1}{48}$
Red Dark: $1 \frac{1}{2}$	Orange: $7 \frac{1}{2} \times \frac{2}{3}$	Pink: $\frac{3}{4} \times \frac{9}{5}$	Green Dark: $1 \frac{3}{8} \times \frac{7}{10}$	Blue Dark: $1 \frac{1}{15} \times \frac{17}{24}$

Set 2: Multiply Mixed Number Fractions

Color by Code with Answers

Directions: Color the picture using the code below. Write your answer in simplest form.

Red Light: $3 \frac{1}{2} \times \frac{1}{4} = \frac{7}{8}$	Yellow: $3 \frac{1}{2} \times \frac{1}{2} = 1 \frac{1}{4}$	Magenta: $1 \frac{2}{3} \times \frac{1}{4} = \frac{1}{6}$	Green Light: $1 \frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$	Blue Light: $\frac{5}{12} \times \frac{1}{48} = \frac{5}{576}$
Red Dark: $1 \frac{1}{2}$	Orange: $7 \frac{1}{2} \times \frac{2}{3} = 5$	Pink: $\frac{3}{4} \times \frac{9}{5} = \frac{3}{2}$	Green Dark: $1 \frac{3}{8} \times \frac{7}{10} = \frac{21}{80}$	Blue Dark: $1 \frac{1}{15} \times \frac{17}{24} = \frac{17}{240}$

Set 2: Multiply Mixed Number Fractions

Learning Math through Fun Activities

Name: _____

Color by Code

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Red Light: $3 \frac{1}{2} \times \frac{1}{4}$	Yellow: $3 \frac{1}{2} \times \frac{1}{2}$	Magenta: $1 \frac{2}{3} \times \frac{1}{4}$	Green Light: $1 \frac{1}{8} \times \frac{1}{8}$	Blue Light: $\frac{5}{12} \times \frac{1}{48}$
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A large heart shape divided into sections, each containing a multiplication problem. The heart is surrounded by smaller hearts, each also containing a multiplication problem. The problems are:

- $3 \frac{1}{3} \times 2 \frac{1}{4} =$
- $1 \frac{1}{3} \times 3 \frac{1}{5} =$
- $2 \frac{1}{3} \times 1 \frac{1}{2} =$
- $2 \frac{1}{2} \times 1 \frac{1}{5} =$
- $4 \frac{1}{8} \times \frac{2}{11} =$
- $1 \frac{3}{4} \times \frac{1}{2} =$
- $1 \frac{1}{4} \times 1 \frac{1}{3} =$
- $2 \frac{1}{5} \times \frac{3}{4} =$
- $6 \frac{2}{3} \times \frac{15}{16} =$
- $1 \frac{1}{5} \times 3 \frac{3}{4} =$
- $8 \frac{4}{5} \times 5 \frac{5}{11} =$
- $2 \frac{1}{2} \times \frac{1}{4} =$
- $2 \frac{1}{3} \times \frac{2}{6} =$
- $1 \frac{1}{2} \times \frac{4}{9} =$
- $5 \frac{1}{3} \times 1 \frac{1}{5} =$
- $1 \frac{2}{7} \times 1 \frac{1}{6} =$

Set 2: Multiply Mixed Number Fractions

Two sample worksheets for "Color by Code" with mixed number multiplication problems. The left worksheet is titled "Color by Code" and the right is "Color by Code with Answers". Both show a large heart shape divided into sections, each containing a multiplication problem. The right worksheet shows the same heart shape with the sections colored according to the code.

Color by Code

Directions: Color the picture using the code below. Write your answer in simplest form.

Red Light: $3 \frac{1}{2} \times \frac{1}{4}$	Yellow: $3 \frac{1}{2} \times \frac{1}{2}$	Magenta: $1 \frac{2}{3} \times \frac{1}{4}$	Green Light: $1 \frac{1}{8} \times \frac{1}{8}$	Blue Light: $\frac{5}{12} \times \frac{1}{48}$
Red Dark: $1 \frac{1}{2}$	Orange: $7 \frac{1}{2} \times \frac{2}{3}$	Pink: $\frac{3}{4} \times \frac{9}{5}$	Green Dark: $1 \frac{3}{8} \times \frac{7}{10}$	Blue Dark: $1 \frac{1}{15} \times \frac{17}{24}$

Set 2: Multiply Mixed Number Fractions

Color by Code with Answers

Directions: Color the picture using the code below. Write your answer in simplest form.

Red Light: $3 \frac{1}{2} \times \frac{1}{4} = \frac{7}{8}$	Yellow: $3 \frac{1}{2} \times \frac{1}{2} = 1 \frac{1}{4}$	Magenta: $1 \frac{2}{3} \times \frac{1}{4} = \frac{1}{6}$	Green Light: $1 \frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$	Blue Light: $\frac{5}{12} \times \frac{1}{48} = \frac{5}{576}$
Red Dark: $1 \frac{1}{2}$	Orange: $7 \frac{1}{2} \times \frac{2}{3} = 5$	Pink: $\frac{3}{4} \times \frac{9}{5} = \frac{3}{2}$	Green Dark: $1 \frac{3}{8} \times \frac{7}{10} = \frac{21}{80}$	Blue Dark: $1 \frac{1}{15} \times \frac{17}{24} = \frac{17}{240}$

Set 2: Multiply Mixed Number Fractions

A large heart shape divided into sections, each containing a multiplication problem. The heart is surrounded by smaller hearts, each also containing a multiplication problem. The problems are:

- $3 \frac{1}{3} \times 2 \frac{1}{4} = 7 \frac{7}{12}$
- $1 \frac{1}{3} \times 3 \frac{1}{5} = 1 \frac{1}{15}$
- $2 \frac{1}{3} \times 1 \frac{1}{2} = 3 \frac{1}{2}$
- $2 \frac{1}{2} \times 1 \frac{1}{5} = 3 \frac{1}{10}$
- $4 \frac{1}{8} \times \frac{2}{11} = \frac{1}{11}$
- $1 \frac{3}{4} \times \frac{1}{2} = \frac{1}{8}$
- $1 \frac{1}{4} \times 1 \frac{1}{3} = 1 \frac{2}{3}$
- $2 \frac{1}{5} \times \frac{3}{4} = \frac{3}{10}$
- $6 \frac{2}{3} \times \frac{15}{16} = 6 \frac{5}{8}$
- $1 \frac{1}{5} \times 3 \frac{3}{4} = 4 \frac{1}{5}$
- $8 \frac{4}{5} \times 5 \frac{5}{11} = 48$
- $2 \frac{1}{2} \times \frac{1}{4} = \frac{1}{2}$
- $2 \frac{1}{3} \times \frac{2}{6} = \frac{1}{3}$
- $1 \frac{1}{2} \times \frac{4}{9} = \frac{2}{3}$
- $5 \frac{1}{3} \times 1 \frac{1}{5} = 9 \frac{3}{5}$
- $1 \frac{2}{7} \times 1 \frac{1}{6} = \frac{1}{2}$

Set 2: Multiply Mixed Number Fractions

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Credits

I draw all the clipart myself for all the products in my store.

Thank you so much and I hope you enjoy this lesson.

