# Color by Code

## Multiply

# Fractions & Whole Numbers

Christmas
Learning Through Fun Activities

Qiang Ma

Set 1: Multiply
Fractions & Whole Numbers

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Name: ___

## Color by Code

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

| Red Light: $28, \frac{1}{4}$ | Yellow: 16,18 | Brown: $24, \frac{1}{14}$ | Green Light: $7, \frac{2}{3}$ | Blue Light: $\frac{1}{2}$ |
|---|---|---|---|---|
| Red Dark: $20, \frac{1}{12}$ | Orange: $12, \frac{2}{3}$ | Pink: $9, \frac{5}{14}$ | Green Dark: $2, \frac{5}{27}$ | Blue Dark: $0, \frac{4}{25}$ |

$$\frac{2}{5} \times \frac{2}{5} =$$

$$\frac{1}{6} \times \frac{3}{7} =$$

$$54 \times \frac{1}{6}$$

$$18 \times \frac{2}{3} =$$

$$32 \times \frac{5}{8} =$$

$$1 \times \frac{2}{9} =$$

$$\frac{3}{8} \times \frac{1}{7} =$$

$$\frac{3}{8} \times \frac{1}{7} =$$

$$\frac{3}{4} \times \frac{8}{9} =$$

$$\times \frac{1}{4} =$$

$$63 \times \frac{4}{9} =$$

$$\frac{7}{10} \times \frac{5}{7} =$$

$$\frac{2}{5} \times 40 =$$

$$7 \times$$

$$5 \times 0 =$$

$$\frac{2}{9} \times \frac{5}{6} =$$

$$\frac{2}{9} \times \frac{3}{8} =$$

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## Color by Code with Answers

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

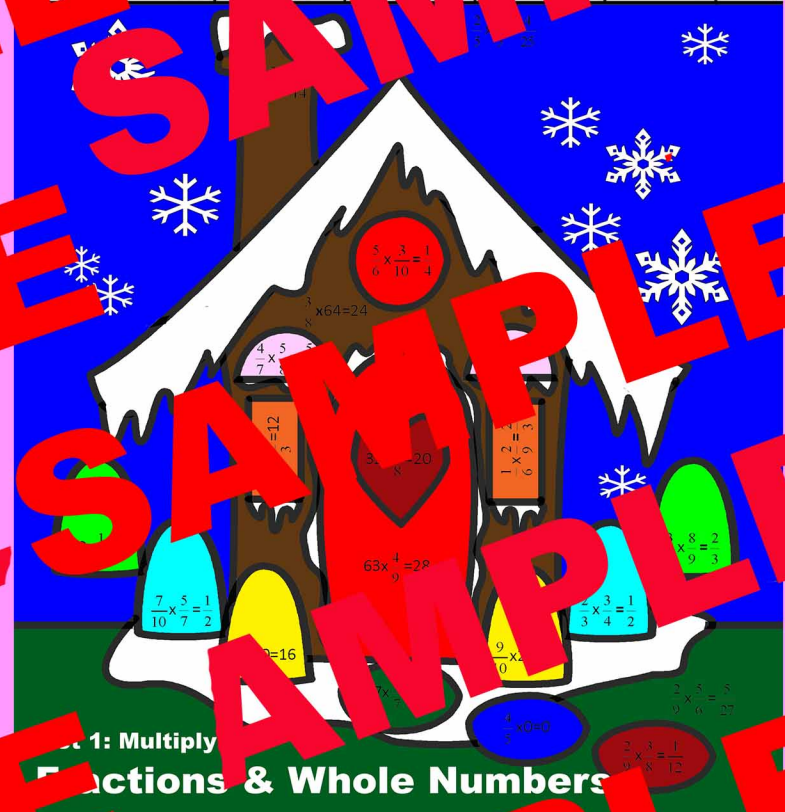| Red Light: $28, \frac{1}{4}$ | Yellow: 16,18 | Brown: $24, \frac{1}{14}$ | Green Light: $7, \frac{2}{3}$ | Blue Light: $\frac{1}{2}$ |
|---|---|---|---|---|
| Red Dark: $20, \frac{1}{12}$ | Orange: $12, \frac{2}{3}$ | Pink: $9, \frac{5}{14}$ | Green Dark: $2, \frac{5}{27}$ | Blue Dark: $0, \frac{4}{25}$ |

$$\frac{2}{5} \times \frac{2}{5}$$

$$\frac{1}{6} \times \frac{3}{7} = \frac{1}{14}$$

$$\frac{5}{6} \times \frac{3}{10} = \frac{1}{4}$$

$$\frac{3}{8} \times 64 = 24$$

$$\frac{4}{5} \times \frac{5}{7} = \frac{4}{7}$$

$$\times 12$$

$$1 \times \frac{2}{9} = $$

$$32 \times$$

$$28 \times$$

$$63 \times \frac{4}{9} = 28$$

$$\frac{7}{10} \times \frac{5}{7} = \frac{1}{2}$$

$$\frac{2}{5} \times 40 =$$

$$\times 0 = 16$$

$$\frac{4}{5} \times 0 = 0$$

$$\frac{2}{9} \times \frac{5}{6} = \frac{5}{27}$$

$$\frac{2}{9} \times \frac{3}{8} = \frac{1}{12}$$

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

| Red Light: $28, \frac{1}{4}$ | Yellow: 16,18 | Brown: $24, \frac{1}{14}$ | Green | Blue Light |
|---|---|---|---|---|
| Red Dark: $20, \frac{1}{12}$ | Orange: $12, \frac{2}{3}$ | Pink | | Blue Dark: $0, \frac{4}{25}$ |

$$\frac{5}{6} \times \frac{3}{10} = \frac{1}{4}$$

$$\times 64 = 24$$

$$\frac{4}{5} \times \frac{5}{7} =$$

$$\times 12$$

$$1 \times \frac{2}{9} =$$

$$\times 20$$

$$63 \times \frac{4}{9} = 28$$

$$\frac{7}{10} \times \frac{5}{7} = \frac{1}{2}$$

$$\frac{9}{0}$$

$$\frac{4}{5} \times 0 = 0$$

$$\frac{3}{4} \times \frac{8}{9} = \frac{2}{3}$$

$$\frac{3}{3} \times \frac{1}{3} = \frac{1}{2}$$

$$\frac{2}{9} \times \frac{5}{6} = \frac{5}{27}$$

$$\frac{2}{9} \times \frac{3}{8} = \frac{1}{12}$$

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# Term of Use

# 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.

**Qiang Ma**

Let children be engaged, challenged, and shine!

*Thank you for using this lesson!*