Qiang Ma

# Color by Code   St. Patrick's Day

## Multiply

## Fractions & Whole Numbers

Learning Math through
Fun Activities

Set 1: Multiply
**Fractions & Whole Numbers**

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Name: _____   ©Qiang Ma

### Color by Code

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

| 1: Red Light: 5,6 | 3: Yellow:20,25 | 5: Pink:27,36 | 7: Green Light: 40, 45 | 9: Blue Light:60,63 |
|---|---|---|---|---|
| 2: Red Dark: $\frac{1}{2},\frac{1}{4}$ | 4: Orange: $\frac{3}{5},\frac{4}{9}$ | 6: Magenta: $\frac{5}{8},\frac{2}{9}$ | 8: Green Dark: $\frac{3}{10},\frac{3}{28}$ | 10: Blue Dark: $\frac{21}{40},\frac{1}{63}$ |

$\frac{7}{10} \times \frac{5}{14} =$

$\frac{1}{7} \times \frac{1}{9} =$

$\frac{3}{4} \times \frac{2}{5} =$

$\frac{5}{6} \times 30 =$

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

$\frac{2}{3} \times \frac{6}{9} =$

$\frac{3}{5} \times \frac{7}{8} =$

$\frac{7}{8} \times$

$\frac{1}{2} \times \frac{4}{9} =$

$120 \times \frac{3}{8} =$

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

$28 \times \frac{5}{7} =$

$\frac{3}{4} \times 48 =$

$\frac{2}{5} \times 15 =$

$\frac{1}{5} \times \frac{25}{32}$

$\frac{9}{12} \times 36 =$

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### Color by Code with Answers

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

| 1: Red Light: 5,6 | 3: Yellow:20,25 | 5: Pink:27,36 | 7: Green Light: 40, 45 | 9: Blue Light:60,63 |
|---|---|---|---|---|
| 2: Red Dark: $\frac{1}{2},\frac{1}{4}$ | 4: Orange: $\frac{3}{5},\frac{4}{9}$ | 6: Magenta: $\frac{5}{8},\frac{2}{9}$ | 8: Green Dark: $\frac{3}{10},\frac{3}{28}$ | 10: Blue Dark: $\frac{21}{40},\frac{1}{63}$ |

$\frac{3}{4} \times \frac{4}{5} = \frac{3}{5}$

$\frac{7}{10} \times \frac{5}{14} = \frac{1}{4}$

$\frac{9}{12} \times 36 = 27$

$\frac{5}{6} \times 30 = 25$

$81 \times \frac{7}{9} = 63$

$\frac{5}{8} \times 64 = 40$

$\frac{2}{3} \times \frac{6}{9} = \frac{4}{9}$

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

$120 \times \frac{3}{8} = 45$

$\frac{3}{4} \times 48 = 36$

$\frac{2}{5} \times 15 =$

$\frac{4}{5} \times \frac{25}{32} = \frac{5}{8}$

$28 \times \frac{5}{7} = 20$

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### Color by Code with Answers

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

| 1: Red Light: 5,6 | 3: Yellow:20,25 | 5: Pink:27,36 | 7: | 9: Blue Light:60,63 |
|---|---|---|---|---|
| 2: Red Dark: $\frac{1}{2},\frac{1}{4}$ | 4: Orange: $\frac{3}{5},\frac{4}{9}$ | 6: Magenta | 8: Green | 10: Blue |

$\frac{3}{4} \times \frac{4}{5} = \frac{3}{5}$

$\frac{9}{12} \times 36 = 27$

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

$\frac{1}{21} \times \frac{1}{10} = \frac{1}{28}$

$\frac{5}{6} \times 30 = 25$

$81 \times \frac{7}{9} = 63$

$\frac{5}{8} \times 64 = 40$

$\frac{2}{3} \times \frac{6}{9} = \frac{4}{9}$

$\frac{1}{2}$

$120 \times \frac{3}{8} = 45$

$\frac{3}{4} \times 48 = 36$

$\frac{5}{7} = 20$

$\frac{2}{5} \times 15 = 6$

$\frac{1}{5} \times \frac{25}{32} = \frac{5}{8}$

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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!*