Problem of the Day

Ms. Red, Ms. Blue, and Ms. Green attended a holiday party. They each wore a different-colored dress, red, blue, or green. Ms. Red said to the lady wearing the blue dress, "Did you notice that none of us is wearing a dress with the color that corresponds to our name?" Who wore which color dress?

Feb 7-9:17 AM

5.8 Multiplying Mixed Numbers

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① Big C
② cross cancel
③ multiply
④ Reduce

Dec 17-9:10 AM

Remember!

To write a mixed number as an improper fraction, start with the whole number, multiply by the denominator, and add the numerator. Use the same denominator.

$$1 \frac{1}{5} = \frac{1 \cdot 5 + 1}{5} = \frac{6}{5}$$

Dec 17-9:14 AM

Multiply. Write each answer in simplest form.

$$\frac{1}{4} \cdot 1\frac{1}{3}$$

$$\frac{1}{14} \cdot \frac{41}{3} = \frac{1}{3}$$

$$3\frac{1}{2} \cdot \frac{4}{5}$$

$$\frac{7}{12} \cdot \frac{42}{5} = \frac{14}{5}$$

$$2\frac{4}{5}$$

Dec 17-9:14 AM

Find each product.

$$\frac{12}{13} \cdot 2\frac{3}{8}$$

$$\frac{3 \, 12}{13} \cdot \frac{19}{82} = \frac{57}{26}$$

$$2\frac{5}{26}$$

$$\frac{1}{9} \cdot 1\frac{1}{2}$$

$$\frac{1}{3\cancel{9}} \cdot \frac{3\cancel{1}}{2} = \frac{1}{6}$$

Dec 17-9:14 AM

Find each product.

$$2\frac{2}{3} \cdot \frac{5}{6}$$

$$\frac{48}{3} \cdot \frac{5}{63} = \frac{20}{9} = 2\frac{2}{9}$$

Dec 17-9:15 AM

Find each product.

$$\frac{14}{15} \cdot 3\frac{+2}{\times 7}$$

$$\frac{2\ 14}{15} \cdot \frac{23}{7\ 1} = \frac{46}{15} = 3\frac{1}{15}$$

Dec 17-9:15 AM

Find each product.

$$1\frac{+2}{\times 3} \cdot 2\frac{+1}{\times 7}$$

$$\frac{5}{13} \cdot \frac{15\ 5}{7} = \frac{25}{7} = 3\frac{4}{7}$$

Dec 17-9:15 AM

Find each product.

$$1\frac{+3}{\times 8} \cdot 2\frac{+2}{\times 5}$$

$$\frac{11}{28} \cdot \frac{12\ 3}{5} = \frac{33}{10} = 3\frac{3}{10}$$

Jan 19-9:28 AM

Find each product.

$$1\frac{+3}{\times 4} \cdot 2\frac{+1}{\times 6}$$

$$\frac{7}{4} \cdot \frac{13}{6} = \frac{91}{24} = 3\frac{19}{24}$$

Jan 19-9:28 AM

Find each product.

$$1\frac{+2}{\times 9} \cdot 3\frac{+3}{\times 5}$$

$$\frac{11}{19} \cdot \frac{18\ 2}{5} = \frac{22}{5} = 4\frac{2}{5}$$

Jan 19-9:29 AM

Find each product.

$$\frac{3}{1} \cdot 6\frac{+1}{\times 5}$$

$$\frac{3}{1} \cdot \frac{31}{5} = \frac{91}{5} = 18\frac{1}{5}$$

Jan 19-9:29 AM

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Multiply. Write each answer in simplest form.

1. $3\dfrac{1}{5} \cdot \dfrac{5}{8}$ **2.** $1\dfrac{7}{10} \cdot \dfrac{5}{7}$

Find each product. Write the answer in simplest form.

3. $2\dfrac{1}{5} \cdot 1\dfrac{1}{4}$ **4.** $5 \cdot 3\dfrac{1}{5}$

5. A nurse gave a patient $3\dfrac{1}{2}$ tablets of a medication. If each tablet contained $\dfrac{1}{20}$ grain of the medication, how much medication did the patient receive?

Jan 19-9:30 AM

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Feb 7-10:04 AM