



Name _____ Class _____ Date _____

1 What is the **product** of $3\frac{1}{4} \times 2\frac{2}{3}$?

$$\frac{13}{4} \times \frac{8}{3} = ?$$

- A $9\frac{1}{12}$ B $\frac{104}{3}$ C $8\frac{2}{3}$ D $8\frac{1}{4}$

3 $4\frac{1}{8} \times 6\frac{1}{4} = \frac{33}{8} \times \frac{25}{4} = \frac{825}{32} = 25\frac{25}{32}$

- A true
B false

True or false?



2 What is the **product** of $\frac{4}{5} \times 3\frac{3}{8}$?

$$\frac{4}{5} \times \frac{27}{8} = ?$$

- A $2\frac{7}{10}$ B $2\frac{1}{2}$ C $12\frac{3}{4}$ D $2\frac{9}{40}$

4 When dividing, change mixed numbers to **improper fractions**. **Invert the divisor and multiply**. Then, change the improper fractions back to **mixed numbers**.

Solve: $8 \div 3\frac{1}{5} = \frac{8}{1} \div \frac{16}{5} = \square$

- A $\frac{1}{8} \times \frac{5}{16} = \frac{5}{108}$ C $\frac{8}{1} \times \frac{5}{16} = \frac{40}{16} = \frac{1}{16}$



PREVIEW

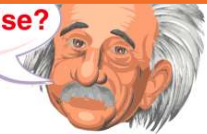
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9 A **TRUE** B **FALSE**

$$6\frac{1}{5} \div 2\frac{1}{10} = \frac{31}{5} \div \frac{21}{10} = \frac{31}{5} \times \frac{10}{21} = \square$$

- A $5\frac{35}{55}$ B $3\frac{35}{55}$ C $1\frac{100}{105}$ D $2\frac{20}{21}$

B false True or false?



10 $7\frac{1}{4} \div 3 = \frac{29}{4} \div \frac{3}{1} = \frac{29}{4} \times \frac{1}{3} = \square$



- A $2\frac{1}{2}$ B $21\frac{3}{4}$ C $2\frac{5}{12}$ D $2\frac{7}{12}$



ANSWER KEY

What is the **product** of $3\frac{1}{4} \times 2\frac{2}{3}$?

(c)

- A $9\frac{1}{12}$ B $\frac{104}{3}$ C $8\frac{2}{3}$ D $8\frac{1}{4}$

$$4\frac{1}{8} \times 6\frac{1}{4} = \frac{33}{8} \times \frac{25}{4} = \frac{825}{32} = 25\frac{25}{32}$$

- A true
B false

True or false?



(a)

What is the **product** of $\frac{4}{5} \times 3\frac{3}{8}$?

(a)

- A $2\frac{7}{10}$ B $2\frac{1}{2}$ C $12\frac{3}{4}$ D $2\frac{9}{40}$

When dividing, change mixed numbers to **improper fractions**. **Invert the divisor** and **multiply**. Then, change the improper fractions back to **mixed numbers**.

Solve: $8 \div 3\frac{1}{5} = \frac{8}{1} \div \frac{16}{5} =$

- A $\frac{1}{8} \times \frac{5}{16} = \frac{5}{108}$ C $\frac{8}{1} \times \frac{5}{16} = \frac{40}{16} = \frac{1}{16}$

(d)



PREVIEW

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- A TRUE B FALSE

$$6\frac{1}{5} \div 2\frac{1}{10} = \frac{31}{5} \div \frac{21}{10} = \frac{31}{5} \times \frac{10}{21} =$$

(d)

- A $5\frac{35}{55}$ B $3\frac{35}{55}$ C $1\frac{100}{105}$ D $2\frac{20}{21}$

$$7\frac{1}{4} \div 3 = \frac{29}{4} \div \frac{3}{1} = \frac{29}{4} \times \frac{1}{3} =$$

(c)

- A $2\frac{1}{2}$ B $21\frac{3}{4}$ C $2\frac{5}{12}$ D $2\frac{7}{12}$