



Multiplying Fractions by Whole Numbers

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Which product is larger: $5 \times \frac{2}{3}$ or $4 \times \frac{5}{6}$?

- A) $5 \times \frac{2}{3}$ is larger
- B) $4 \times \frac{5}{6}$ is larger
- C) They are equal
- D) Cannot be compared

2. Which is greater: $3 \times \frac{3}{4}$ or $2 \times \frac{5}{4}$?

- A) $3 \times \frac{3}{4}$ is greater
- B) $2 \times \frac{5}{4}$ is greater
- C) They are equal
- D) Cannot tell

3. Which product is larger: $6 \times \frac{1}{4}$ or $4 \times \frac{3}{8}$?

- A) $6 \times \frac{1}{4}$ is larger
- B) $4 \times \frac{3}{8}$ is larger
- C) They are equal
- D) Cannot tell

4. Which is larger: $7 \times \frac{2}{5}$ or $3 \times \frac{9}{10}$?

- A) $7 \times \frac{2}{5}$ is larger
- B) $3 \times \frac{9}{10}$ is larger
- C) They are equal
- D) Cannot tell

Part B: Fill in the Blank

Write the correct answer on each line.

1. $5 \times \frac{2}{3} = \frac{10}{3}$ and $4 \times \frac{5}{6} = \frac{20}{6}$, so the products are _____.
2. Compare $3 \times \frac{3}{4}$ and $2 \times \frac{5}{4}$: the larger product is _____ $\times \frac{5}{4}$.
3. $6 \times \frac{1}{4}$ written in eighths is $\frac{12}{8}$, equal to $4 \times$ _____ $/8$.
4. $7 \times \frac{2}{5}$ in tenths equals $\frac{28}{10}$, greater than $3 \times \frac{9}{10}$ by _____ $/10$.
5. If $8 \times \frac{3}{4} = \frac{24}{4} = 6$ and $5 \times \frac{6}{5} = \frac{30}{5} = 6$, the products are _____.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. $5 \times \frac{2}{3} = \frac{10}{3}$ and $4 \times \frac{5}{6} = \frac{20}{6}$, so the products are equal .
2. Compare $3 \times \frac{3}{4}$ and $2 \times \frac{5}{4}$: the larger product is 2 $\times \frac{5}{4}$.
3. $6 \times \frac{1}{4}$ written in eighths is $\frac{12}{8}$, equal to $4 \times$ 3 $/8$.
4. $7 \times \frac{2}{5}$ in tenths equals $\frac{28}{10}$, greater than $3 \times \frac{9}{10}$ by 1 $/10$.
5. If $8 \times \frac{3}{4} = \frac{24}{4} = 6$ and $5 \times \frac{6}{5} = \frac{30}{5} = 6$, the products are equal .