

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2 \times 2\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $1\frac{1}{2} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

3. $2\frac{1}{2} \times 9 = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $3\frac{1}{2} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

5. $3 \div 2\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $3 \times 2\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $7 \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $3\frac{1}{2} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $2\frac{5}{7} \times 9 = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $1\frac{4}{9} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 2 \times 2\frac{2}{3} = \frac{2}{1} \times \frac{8}{3} = \frac{16}{3} = 5\frac{1}{3}$$

$$2. 1\frac{1}{2} \div 5 = \frac{3}{2} \div \frac{5}{1} = \frac{3}{2} \times \frac{1}{5} = \frac{3}{10}$$

$$3. 2\frac{1}{2} \times 9 = \frac{5}{2} \times \frac{9}{1} = \frac{45}{2} = 22\frac{1}{2}$$

$$4. 3\frac{1}{2} \div 8 = \frac{7}{2} \div \frac{8}{1} = \frac{7}{2} \times \frac{1}{8} = \frac{7}{16}$$

$$5. 3 \div 2\frac{4}{5} = \frac{3}{1} \div \frac{14}{5} = \frac{3}{1} \times \frac{5}{14} = \frac{15}{14} = 1\frac{1}{14}$$

$$6. 3 \times 2\frac{1}{2} = \frac{3}{1} \times \frac{5}{2} = \frac{15}{2} = 7\frac{1}{2}$$

$$7. 7 \times 3\frac{1}{2} = \frac{7}{1} \times \frac{7}{2} = \frac{49}{2} = 24\frac{1}{2}$$

$$8. 3\frac{1}{2} \div 3 = \frac{7}{2} \div \frac{3}{1} = \frac{7}{2} \times \frac{1}{3} = \frac{7}{6} = 1\frac{1}{6}$$

$$9. 2\frac{5}{7} \times 9 = \frac{19}{7} \times \frac{9}{1} = \frac{171}{7} = 24\frac{3}{7}$$

$$10. 1\frac{4}{9} \div 8 = \frac{13}{9} \div \frac{8}{1} = \frac{13}{9} \times \frac{1}{8} = \frac{13}{72}$$