Multiplying Fractions and Whole Numbers (H)

Name: _____   Date: _____   Score: ____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\dfrac{18}{5} \times \dfrac{2}{7} \times 7$ = —— = —— = ——

2. $\dfrac{16}{7} \times 7 \times \dfrac{5}{6}$ = —— = —— = ——

3. $4 \times \dfrac{1}{7} \times \dfrac{11}{4}$ = —— = —— = ——

4. $\dfrac{7}{2} \times 8 \times \dfrac{3}{8}$ = —— = —— = ——

5. $2 \times \dfrac{1}{5} \times \dfrac{8}{7}$ = ——

6. $\dfrac{19}{7} \times 3 \times \dfrac{7}{9}$ = —— = —— = ——

7. $\dfrac{3}{5} \times 7 \times \dfrac{7}{6}$ = —— = —— = ——

8. $\dfrac{1}{2} \times \dfrac{14}{5} \times 2$ = —— = —— = ——

9. $\dfrac{1}{6} \times 9 \times \dfrac{29}{8}$ = —— = —— = ——

10. $\dfrac{17}{5} \times \dfrac{1}{9} \times 6$ = —— = —— = ——

Multiplying Fractions and Whole Numbers (H) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\dfrac{18}{5} \times \dfrac{2}{7} \times 7 = \dfrac{252}{35} = \dfrac{36}{5} = 7\dfrac{1}{5}$

2. $\dfrac{16}{7} \times 7 \times \dfrac{5}{6} = \dfrac{560}{42} = \dfrac{40}{3} = 13\dfrac{1}{3}$

3. $4 \times \dfrac{1}{7} \times \dfrac{11}{4} = \dfrac{44}{28} = \dfrac{11}{7} = 1\dfrac{4}{7}$

4. $\dfrac{7}{2} \times 8 \times \dfrac{3}{8} = \dfrac{168}{16} = \dfrac{21}{2} = 10\dfrac{1}{2}$

5. $2 \times \dfrac{1}{5} \times \dfrac{8}{7} = \dfrac{16}{35}$

6. $\dfrac{19}{7} \times 3 \times \dfrac{7}{9} = \dfrac{399}{63} = \dfrac{19}{3} = 6\dfrac{1}{3}$

7. $\dfrac{3}{5} \times 7 \times \dfrac{7}{6} = \dfrac{147}{30} = \dfrac{49}{10} = 4\dfrac{9}{10}$

8. $\dfrac{1}{2} \times \dfrac{14}{5} \times 2 = \dfrac{28}{10} = \dfrac{14}{5} = 2\dfrac{4}{5}$

9. $\dfrac{1}{6} \times 9 \times \dfrac{29}{8} = \dfrac{261}{48} = \dfrac{87}{16} = 5\dfrac{7}{16}$

10. $\dfrac{17}{5} \times \dfrac{1}{9} \times 6 = \dfrac{102}{45} = \dfrac{34}{15} = 2\dfrac{4}{15}$

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