

Name: L02

Date: 11-18-20

16
18

Multiply. Express each product in simplest form.

7. $1\frac{7}{4} \times \frac{9}{14} = \frac{9}{8} = 1\frac{1}{8}$

8. $2\frac{8}{5} \times \frac{3}{4} = \frac{6}{5} = 1\frac{1}{5}$

9. $2\frac{14}{9} \times \frac{6}{7} = \frac{4}{3} = 1\frac{1}{3}$

10. $3\frac{8}{7} \times \frac{5}{6} = \frac{15}{14} = 1\frac{1}{14}$

11. $\frac{9}{8} \times \frac{4}{7} = \frac{9}{14}$

12. $1\frac{7}{5} \times \frac{9}{14} = \frac{9}{10}$

13. $3\frac{9}{5} \times \frac{10}{3} = \frac{6}{1} = 6$

14. $\frac{17}{12} \times \frac{3}{4} = \frac{51}{16} = 3\frac{3}{16}$

15. $1\frac{7}{3} \times \frac{12}{5} = \frac{28}{5} = 5\frac{3}{5}$

16. $2\frac{14}{6} \times \frac{8}{7} = \frac{8}{3} = 2\frac{2}{3}$

17. $\frac{10}{7} \times \frac{14}{9} = \frac{20}{9} = 2\frac{2}{9}$

18. $\frac{13}{10} \times \frac{15}{8} = \frac{39}{16} = 2\frac{7}{16}$

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Lesson 4.3 Multiplying Improper Fractions by Fractions

Find the products.

1.

$$\frac{3}{8} \times \frac{5}{2} = \frac{15}{16}$$

2.

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

3.

$$\frac{1}{4} \times \frac{5}{4} = \frac{5}{16}$$

4.

$$\frac{5}{2} \times \frac{3}{4} = \frac{15}{4} = 3\frac{3}{4}$$

5.

$$\frac{2}{9} \times \frac{15}{7} = \frac{30}{63} = \frac{10}{21}$$

6.

$$\frac{16}{15} \times \frac{25}{2} = \frac{400}{30} = 13\frac{2}{3}$$