

Multiplier des fractions mixtes négatives (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque produit.

1. $\left(-1\frac{1}{7}\right) \times \left(-3\frac{6}{7}\right) =$

2. $\left(-5\frac{6}{7}\right) \times \left(-1\frac{2}{4}\right) =$

3. $\left(-4\frac{6}{12}\right) \times \frac{5}{7} =$

4. $\left(-3\frac{3}{12}\right) \times \left(-2\frac{1}{2}\right) =$

5. $\left(-4\frac{3}{4}\right) \times 1\frac{1}{10} =$

6. $\left(-5\frac{1}{2}\right) \times \frac{5}{12} =$

7. $\frac{1}{3} \times \left(-2\frac{6}{10}\right) =$

8. $\left(-1\frac{5}{12}\right) \times \left(-4\frac{7}{9}\right) =$

9. $\left(-1\frac{8}{9}\right) \times \left(-3\frac{1}{3}\right) =$

10. $\left(-1\frac{1}{10}\right) \times \frac{3}{4} =$

Multiplier des fractions mixtes négatives (E) Réponses

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Calculez chaque produit.

$$1. \quad \left(-1\frac{1}{7}\right) \times \left(-3\frac{6}{7}\right) = \left(-\frac{8}{7}\right) \times \left(-\frac{27}{7}\right) = \frac{216}{49} = 4\frac{20}{49}$$

$$2. \quad \left(-5\frac{6}{7}\right) \times \left(-1\frac{2}{4}\right) = \left(-\frac{41}{7}\right) \times \left(-\frac{6}{4}\right) = \frac{246}{28} = \frac{123}{14} = 8\frac{11}{14}$$

$$3. \quad \left(-4\frac{6}{12}\right) \times \frac{5}{7} = \left(-\frac{54}{12}\right) \times \frac{5}{7} = \left(-\frac{270}{84}\right) = \left(-\frac{45}{14}\right) = \left(-3\frac{3}{14}\right)$$

$$4. \quad \left(-3\frac{3}{12}\right) \times \left(-2\frac{1}{2}\right) = \left(-\frac{39}{12}\right) \times \left(-\frac{5}{2}\right) = \frac{195}{24} = \frac{65}{8} = 8\frac{1}{8}$$

$$5. \quad \left(-4\frac{3}{4}\right) \times 1\frac{1}{10} = \left(-\frac{19}{4}\right) \times \frac{11}{10} = \left(-\frac{209}{40}\right) = \left(-5\frac{9}{40}\right)$$

$$6. \quad \left(-5\frac{1}{2}\right) \times \frac{5}{12} = \left(-\frac{11}{2}\right) \times \frac{5}{12} = \left(-\frac{55}{24}\right) = \left(-2\frac{7}{24}\right)$$

$$7. \quad \frac{1}{3} \times \left(-2\frac{6}{10}\right) = \frac{1}{3} \times \left(-\frac{26}{10}\right) = \left(-\frac{26}{30}\right) = \left(-\frac{13}{15}\right)$$

$$8. \quad \left(-1\frac{5}{12}\right) \times \left(-4\frac{7}{9}\right) = \left(-\frac{17}{12}\right) \times \left(-\frac{43}{9}\right) = \frac{731}{108} = 6\frac{83}{108}$$

$$9. \quad \left(-1\frac{8}{9}\right) \times \left(-3\frac{1}{3}\right) = \left(-\frac{17}{9}\right) \times \left(-\frac{10}{3}\right) = \frac{170}{27} = 6\frac{8}{27}$$

$$10. \quad \left(-1\frac{1}{10}\right) \times \frac{3}{4} = \left(-\frac{11}{10}\right) \times \frac{3}{4} = \left(-\frac{33}{40}\right)$$