

Dividing Negative Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\left(-4\frac{2}{4}\right) \div 4\frac{3}{5} =$

4. $2\frac{1}{3} \div \left(-3\frac{1}{5}\right) =$

5. $\frac{3}{5} \div \left(-5\frac{3}{4}\right) =$

6. $\left(-2\frac{2}{5}\right) \div \frac{1}{3} =$

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

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

9. $2\frac{1}{5} \div \left(-2\frac{2}{3}\right) =$

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

Dividing Negative Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 1\frac{2}{3} \div \left(-4\frac{2}{4}\right) = \frac{5}{3} \div \left(-\frac{18}{4}\right) = \frac{5}{3} \times \left(-\frac{4}{18}\right) = \left(-\frac{20}{54}\right) = \left(-\frac{10}{27}\right)$$

$$2. \quad \left(-1\frac{2}{4}\right) \div 2\frac{1}{5} = \left(-\frac{6}{4}\right) \div \frac{11}{5} = \left(-\frac{6}{4}\right) \times \frac{5}{11} = \left(-\frac{30}{44}\right) = \left(-\frac{15}{22}\right)$$

$$3. \quad \left(-4\frac{2}{4}\right) \div 4\frac{3}{5} = \left(-\frac{18}{4}\right) \div \frac{23}{5} = \left(-\frac{18}{4}\right) \times \frac{5}{23} = \left(-\frac{90}{92}\right) = \left(-\frac{45}{46}\right)$$

$$4. \quad 2\frac{1}{3} \div \left(-3\frac{1}{5}\right) = \frac{7}{3} \div \left(-\frac{16}{5}\right) = \frac{7}{3} \times \left(-\frac{5}{16}\right) = \left(-\frac{35}{48}\right)$$

$$5. \quad \frac{3}{5} \div \left(-5\frac{3}{4}\right) = \frac{3}{5} \div \left(-\frac{23}{4}\right) = \frac{3}{5} \times \left(-\frac{4}{23}\right) = \left(-\frac{12}{115}\right)$$

$$6. \quad \left(-2\frac{2}{5}\right) \div \frac{1}{3} = \left(-\frac{12}{5}\right) \div \frac{1}{3} = \left(-\frac{12}{5}\right) \times \frac{3}{1} = \left(-\frac{36}{5}\right) = \left(-7\frac{1}{5}\right)$$

$$7. \quad \left(-5\frac{1}{6}\right) \div \left(-1\frac{2}{5}\right) = \left(-\frac{31}{6}\right) \div \left(-\frac{7}{5}\right) = \left(-\frac{31}{6}\right) \times \left(-\frac{5}{7}\right) = \frac{155}{42} = 3\frac{29}{42}$$

$$8. \quad \left(-3\frac{1}{3}\right) \div \left(-4\frac{1}{2}\right) = \left(-\frac{10}{3}\right) \div \left(-\frac{9}{2}\right) = \left(-\frac{10}{3}\right) \times \left(-\frac{2}{9}\right) = \frac{20}{27}$$

$$9. \quad 2\frac{1}{5} \div \left(-2\frac{2}{3}\right) = \frac{11}{5} \div \left(-\frac{8}{3}\right) = \frac{11}{5} \times \left(-\frac{3}{8}\right) = \left(-\frac{33}{40}\right)$$

$$10. \quad \frac{1}{2} \div \left(-3\frac{2}{3}\right) = \frac{1}{2} \div \left(-\frac{11}{3}\right) = \frac{1}{2} \times \left(-\frac{3}{11}\right) = \left(-\frac{3}{22}\right)$$

Dividing Negative Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-3\frac{3}{5}\right) \div \left(-2\frac{1}{3}\right) =$

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

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

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

5. $\frac{1}{2} \div \left(-2\frac{1}{3}\right) =$

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

7. $\left(-4\frac{1}{2}\right) \div \left(-5\frac{1}{3}\right) =$

8. $1\frac{2}{5} \div \left(-5\frac{2}{4}\right) =$

9. $2\frac{4}{5} \div \left(-3\frac{5}{6}\right) =$

10. $\left(-5\frac{2}{3}\right) \div 3\frac{1}{2} =$

Dividing Negative Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \left(-3\frac{3}{5}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{18}{5}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{18}{5}\right) \times \left(-\frac{3}{7}\right) = \frac{54}{35} = 1\frac{19}{35}$$

$$2. \left(-5\frac{2}{6}\right) \div 1\frac{4}{5} = \left(-\frac{32}{6}\right) \div \frac{9}{5} = \left(-\frac{32}{6}\right) \times \frac{5}{9} = \left(-\frac{160}{54}\right) = \left(-\frac{80}{27}\right) = \left(-2\frac{26}{27}\right)$$

$$3. \left(-1\frac{1}{3}\right) \div 5\frac{1}{4} = \left(-\frac{4}{3}\right) \div \frac{21}{4} = \left(-\frac{4}{3}\right) \times \frac{4}{21} = \left(-\frac{16}{63}\right)$$

$$4. \frac{1}{2} \div \left(-2\frac{2}{3}\right) = \frac{1}{2} \div \left(-\frac{8}{3}\right) = \frac{1}{2} \times \left(-\frac{3}{8}\right) = \left(-\frac{3}{16}\right)$$

$$5. \frac{1}{2} \div \left(-2\frac{1}{3}\right) = \frac{1}{2} \div \left(-\frac{7}{3}\right) = \frac{1}{2} \times \left(-\frac{3}{7}\right) = \left(-\frac{3}{14}\right)$$

$$6. \left(-2\frac{1}{6}\right) \div \left(-1\frac{1}{5}\right) = \left(-\frac{13}{6}\right) \div \left(-\frac{6}{5}\right) = \left(-\frac{13}{6}\right) \times \left(-\frac{5}{6}\right) = \frac{65}{36} = 1\frac{29}{36}$$

$$7. \left(-4\frac{1}{2}\right) \div \left(-5\frac{1}{3}\right) = \left(-\frac{9}{2}\right) \div \left(-\frac{16}{3}\right) = \left(-\frac{9}{2}\right) \times \left(-\frac{3}{16}\right) = \frac{27}{32}$$

$$8. 1\frac{2}{5} \div \left(-5\frac{2}{4}\right) = \frac{7}{5} \div \left(-\frac{22}{4}\right) = \frac{7}{5} \times \left(-\frac{4}{22}\right) = \left(-\frac{28}{110}\right) = \left(-\frac{14}{55}\right)$$

$$9. 2\frac{4}{5} \div \left(-3\frac{5}{6}\right) = \frac{14}{5} \div \left(-\frac{23}{6}\right) = \frac{14}{5} \times \left(-\frac{6}{23}\right) = \left(-\frac{84}{115}\right)$$

$$10. \left(-5\frac{2}{3}\right) \div 3\frac{1}{2} = \left(-\frac{17}{3}\right) \div \frac{7}{2} = \left(-\frac{17}{3}\right) \times \frac{2}{7} = \left(-\frac{34}{21}\right) = \left(-1\frac{13}{21}\right)$$

Dividing Negative Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\left(-4\frac{1}{2}\right) \div \left(-3\frac{4}{5}\right) =$

3. $\left(-3\frac{2}{3}\right) \div \left(-2\frac{1}{2}\right) =$

4. $\left(-5\frac{1}{2}\right) \div 2\frac{2}{3} =$

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

6. $3\frac{2}{5} \div \left(-1\frac{1}{6}\right) =$

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

8. $\left(-2\frac{3}{4}\right) \div \left(-2\frac{2}{3}\right) =$

9. $\left(-3\frac{1}{6}\right) \div 1\frac{2}{5} =$

10. $\left(-3\frac{2}{3}\right) \div 1\frac{4}{5} =$

Dividing Negative Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-3\frac{1}{4}\right) \div \frac{2}{3} = \left(-\frac{13}{4}\right) \div \frac{2}{3} = \left(-\frac{13}{4}\right) \times \frac{3}{2} = \left(-\frac{39}{8}\right) = \left(-4\frac{7}{8}\right)$$

$$2. \quad \left(-4\frac{1}{2}\right) \div \left(-3\frac{4}{5}\right) = \left(-\frac{9}{2}\right) \div \left(-\frac{19}{5}\right) = \left(-\frac{9}{2}\right) \times \left(-\frac{5}{19}\right) = \frac{45}{38} = 1\frac{7}{38}$$

$$3. \quad \left(-3\frac{2}{3}\right) \div \left(-2\frac{1}{2}\right) = \left(-\frac{11}{3}\right) \div \left(-\frac{5}{2}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{2}{5}\right) = \frac{22}{15} = 1\frac{7}{15}$$

$$4. \quad \left(-5\frac{1}{2}\right) \div 2\frac{2}{3} = \left(-\frac{11}{2}\right) \div \frac{8}{3} = \left(-\frac{11}{2}\right) \times \frac{3}{8} = \left(-\frac{33}{16}\right) = \left(-2\frac{1}{16}\right)$$

$$5. \quad \frac{3}{5} \div \left(-4\frac{4}{6}\right) = \frac{3}{5} \div \left(-\frac{28}{6}\right) = \frac{3}{5} \times \left(-\frac{6}{28}\right) = \left(-\frac{18}{140}\right) = \left(-\frac{9}{70}\right)$$

$$6. \quad 3\frac{2}{5} \div \left(-1\frac{1}{6}\right) = \frac{17}{5} \div \left(-\frac{7}{6}\right) = \frac{17}{5} \times \left(-\frac{6}{7}\right) = \left(-\frac{102}{35}\right) = \left(-2\frac{32}{35}\right)$$

$$7. \quad \left(-2\frac{1}{2}\right) \div \left(-5\frac{1}{5}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{26}{5}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{5}{26}\right) = \frac{25}{52}$$

$$8. \quad \left(-2\frac{3}{4}\right) \div \left(-2\frac{2}{3}\right) = \left(-\frac{11}{4}\right) \div \left(-\frac{8}{3}\right) = \left(-\frac{11}{4}\right) \times \left(-\frac{3}{8}\right) = \frac{33}{32} = 1\frac{1}{32}$$

$$9. \quad \left(-3\frac{1}{6}\right) \div 1\frac{2}{5} = \left(-\frac{19}{6}\right) \div \frac{7}{5} = \left(-\frac{19}{6}\right) \times \frac{5}{7} = \left(-\frac{95}{42}\right) = \left(-2\frac{11}{42}\right)$$

$$10. \quad \left(-3\frac{2}{3}\right) \div 1\frac{4}{5} = \left(-\frac{11}{3}\right) \div \frac{9}{5} = \left(-\frac{11}{3}\right) \times \frac{5}{9} = \left(-\frac{55}{27}\right) = \left(-2\frac{1}{27}\right)$$

Dividing Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\left(-4\frac{3}{4}\right) \div \left(-4\frac{2}{5}\right) =$

3. $5\frac{3}{4} \div \left(-5\frac{3}{5}\right) =$

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

5. $5\frac{1}{3} \div \left(-4\frac{1}{2}\right) =$

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

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

8. $\left(-1\frac{1}{2}\right) \div \left(-2\frac{3}{5}\right) =$

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

10. $\left(-3\frac{2}{6}\right) \div \left(-5\frac{2}{5}\right) =$

Dividing Negative Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \frac{1}{5} \div \left(-5\frac{2}{4}\right) = \frac{1}{5} \div \left(-\frac{22}{4}\right) = \frac{1}{5} \times \left(-\frac{4}{22}\right) = \left(-\frac{4}{110}\right) = \left(-\frac{2}{55}\right)$$

$$2. \quad \left(-4\frac{3}{4}\right) \div \left(-4\frac{2}{5}\right) = \left(-\frac{19}{4}\right) \div \left(-\frac{22}{5}\right) = \left(-\frac{19}{4}\right) \times \left(-\frac{5}{22}\right) = \frac{95}{88} = 1\frac{7}{88}$$

$$3. \quad 5\frac{3}{4} \div \left(-5\frac{3}{5}\right) = \frac{23}{4} \div \left(-\frac{28}{5}\right) = \frac{23}{4} \times \left(-\frac{5}{28}\right) = \left(-\frac{115}{112}\right) = \left(-1\frac{3}{112}\right)$$

$$4. \quad \left(-2\frac{2}{4}\right) \div \left(-1\frac{2}{5}\right) = \left(-\frac{10}{4}\right) \div \left(-\frac{7}{5}\right) = \left(-\frac{10}{4}\right) \times \left(-\frac{5}{7}\right) = \frac{50}{28} = \frac{25}{14} = 1\frac{11}{14}$$

$$5. \quad 5\frac{1}{3} \div \left(-4\frac{1}{2}\right) = \frac{16}{3} \div \left(-\frac{9}{2}\right) = \frac{16}{3} \times \left(-\frac{2}{9}\right) = \left(-\frac{32}{27}\right) = \left(-1\frac{5}{27}\right)$$

$$6. \quad \left(-4\frac{1}{2}\right) \div 4\frac{1}{3} = \left(-\frac{9}{2}\right) \div \frac{13}{3} = \left(-\frac{9}{2}\right) \times \frac{3}{13} = \left(-\frac{27}{26}\right) = \left(-1\frac{1}{26}\right)$$

$$7. \quad \left(-3\frac{1}{2}\right) \div \left(-2\frac{2}{3}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{8}{3}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{3}{8}\right) = \frac{21}{16} = 1\frac{5}{16}$$

$$8. \quad \left(-1\frac{1}{2}\right) \div \left(-2\frac{3}{5}\right) = \left(-\frac{3}{2}\right) \div \left(-\frac{13}{5}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{5}{13}\right) = \frac{15}{26}$$

$$9. \quad \left(-3\frac{2}{3}\right) \div \left(-4\frac{1}{2}\right) = \left(-\frac{11}{3}\right) \div \left(-\frac{9}{2}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{2}{9}\right) = \frac{22}{27}$$

$$10. \quad \left(-3\frac{2}{6}\right) \div \left(-5\frac{2}{5}\right) = \left(-\frac{20}{6}\right) \div \left(-\frac{27}{5}\right) = \left(-\frac{20}{6}\right) \times \left(-\frac{5}{27}\right) = \frac{100}{162} = \frac{50}{81}$$

Dividing Negative Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-3\frac{4}{6}\right) \div \left(-3\frac{4}{5}\right) =$

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

3. $\left(-2\frac{3}{5}\right) \div \left(-3\frac{4}{6}\right) =$

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

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

6. $\left(-3\frac{5}{6}\right) \div \left(-3\frac{1}{5}\right) =$

7. $\left(-2\frac{3}{5}\right) \div \left(-5\frac{1}{4}\right) =$

8. $\frac{1}{5} \div \left(-3\frac{2}{3}\right) =$

9. $\left(-3\frac{4}{6}\right) \div \left(-5\frac{4}{5}\right) =$

10. $\left(-1\frac{2}{3}\right) \div \left(-3\frac{1}{5}\right) =$

Dividing Negative Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \left(-3\frac{4}{6}\right) \div \left(-3\frac{4}{5}\right) = \left(-\frac{22}{6}\right) \div \left(-\frac{19}{5}\right) = \left(-\frac{22}{6}\right) \times \left(-\frac{5}{19}\right) = \frac{110}{114} = \frac{55}{57}$$

$$2. \left(-2\frac{1}{2}\right) \div \left(-1\frac{4}{5}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{9}{5}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{5}{9}\right) = \frac{25}{18} = 1\frac{7}{18}$$

$$3. \left(-2\frac{3}{5}\right) \div \left(-3\frac{4}{6}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{22}{6}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{6}{22}\right) = \frac{78}{110} = \frac{39}{55}$$

$$4. \left(-2\frac{1}{4}\right) \div 3\frac{2}{3} = \left(-\frac{9}{4}\right) \div \frac{11}{3} = \left(-\frac{9}{4}\right) \times \frac{3}{11} = \left(-\frac{27}{44}\right)$$

$$5. \left(-1\frac{1}{2}\right) \div \left(-4\frac{2}{3}\right) = \left(-\frac{3}{2}\right) \div \left(-\frac{14}{3}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{3}{14}\right) = \frac{9}{28}$$

$$6. \left(-3\frac{5}{6}\right) \div \left(-3\frac{1}{5}\right) = \left(-\frac{23}{6}\right) \div \left(-\frac{16}{5}\right) = \left(-\frac{23}{6}\right) \times \left(-\frac{5}{16}\right) = \frac{115}{96} = 1\frac{19}{96}$$

$$7. \left(-2\frac{3}{5}\right) \div \left(-5\frac{1}{4}\right) = \left(-\frac{13}{5}\right) \div \left(-\frac{21}{4}\right) = \left(-\frac{13}{5}\right) \times \left(-\frac{4}{21}\right) = \frac{52}{105}$$

$$8. \frac{1}{5} \div \left(-3\frac{2}{3}\right) = \frac{1}{5} \div \left(-\frac{11}{3}\right) = \frac{1}{5} \times \left(-\frac{3}{11}\right) = \left(-\frac{3}{55}\right)$$

$$9. \left(-3\frac{4}{6}\right) \div \left(-5\frac{4}{5}\right) = \left(-\frac{22}{6}\right) \div \left(-\frac{29}{5}\right) = \left(-\frac{22}{6}\right) \times \left(-\frac{5}{29}\right) = \frac{110}{174} = \frac{55}{87}$$

$$10. \left(-1\frac{2}{3}\right) \div \left(-3\frac{1}{5}\right) = \left(-\frac{5}{3}\right) \div \left(-\frac{16}{5}\right) = \left(-\frac{5}{3}\right) \times \left(-\frac{5}{16}\right) = \frac{25}{48}$$

Dividing Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-3\frac{1}{2}\right) \div \left(-1\frac{3}{5}\right) =$

2. $\left(-2\frac{1}{2}\right) \div \left(-2\frac{1}{3}\right) =$

3. $\left(-1\frac{1}{3}\right) \div \left(-3\frac{1}{2}\right) =$

4. $\left(-1\frac{3}{5}\right) \div \frac{1}{2} =$

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

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

7. $\left(-5\frac{2}{4}\right) \div \left(-4\frac{3}{5}\right) =$

8. $\left(-3\frac{3}{6}\right) \div 3\frac{2}{5} =$

9. $\left(-2\frac{1}{2}\right) \div 1\frac{1}{3} =$

10. $\left(-4\frac{4}{6}\right) \div 5\frac{4}{5} =$

Dividing Negative Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \left(-3\frac{1}{2}\right) \div \left(-1\frac{3}{5}\right) = \left(-\frac{7}{2}\right) \div \left(-\frac{8}{5}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{5}{8}\right) = \frac{35}{16} = 2\frac{3}{16}$$

$$2. \left(-2\frac{1}{2}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{3}{7}\right) = \frac{15}{14} = 1\frac{1}{14}$$

$$3. \left(-1\frac{1}{3}\right) \div \left(-3\frac{1}{2}\right) = \left(-\frac{4}{3}\right) \div \left(-\frac{7}{2}\right) = \left(-\frac{4}{3}\right) \times \left(-\frac{2}{7}\right) = \frac{8}{21}$$

$$4. \left(-1\frac{3}{5}\right) \div \frac{1}{2} = \left(-\frac{8}{5}\right) \div \frac{1}{2} = \left(-\frac{8}{5}\right) \times \frac{2}{1} = \left(-\frac{16}{5}\right) = \left(-3\frac{1}{5}\right)$$

$$5. \left(-4\frac{1}{4}\right) \div \left(-5\frac{3}{5}\right) = \left(-\frac{17}{4}\right) \div \left(-\frac{28}{5}\right) = \left(-\frac{17}{4}\right) \times \left(-\frac{5}{28}\right) = \frac{85}{112}$$

$$6. \left(-1\frac{2}{3}\right) \div \left(-4\frac{1}{4}\right) = \left(-\frac{5}{3}\right) \div \left(-\frac{17}{4}\right) = \left(-\frac{5}{3}\right) \times \left(-\frac{4}{17}\right) = \frac{20}{51}$$

$$7. \left(-5\frac{2}{4}\right) \div \left(-4\frac{3}{5}\right) = \left(-\frac{22}{4}\right) \div \left(-\frac{23}{5}\right) = \left(-\frac{22}{4}\right) \times \left(-\frac{5}{23}\right) = \frac{110}{92} = \frac{55}{46} = 1\frac{9}{46}$$

$$8. \left(-3\frac{3}{6}\right) \div 3\frac{2}{5} = \left(-\frac{21}{6}\right) \div \frac{17}{5} = \left(-\frac{21}{6}\right) \times \frac{5}{17} = \left(-\frac{105}{102}\right) = \left(-\frac{35}{34}\right) = \left(-1\frac{1}{34}\right)$$

$$9. \left(-2\frac{1}{2}\right) \div 1\frac{1}{3} = \left(-\frac{5}{2}\right) \div \frac{4}{3} = \left(-\frac{5}{2}\right) \times \frac{3}{4} = \left(-\frac{15}{8}\right) = \left(-1\frac{7}{8}\right)$$

$$10. \left(-4\frac{4}{6}\right) \div 5\frac{4}{5} = \left(-\frac{28}{6}\right) \div \frac{29}{5} = \left(-\frac{28}{6}\right) \times \frac{5}{29} = \left(-\frac{140}{174}\right) = \left(-\frac{70}{87}\right)$$

Dividing Negative Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\left(-1\frac{1}{2}\right) \div \left(-2\frac{2}{3}\right) =$

4. $\left(-3\frac{3}{5}\right) \div 3\frac{1}{2} =$

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

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

7. $\left(-4\frac{3}{5}\right) \div \left(-2\frac{1}{3}\right) =$

8. $2\frac{1}{3} \div \left(-5\frac{2}{4}\right) =$

9. $\frac{3}{5} \div \left(-5\frac{2}{6}\right) =$

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

Dividing Negative Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \left(-5\frac{1}{3}\right) \div \left(-1\frac{1}{4}\right) = \left(-\frac{16}{3}\right) \div \left(-\frac{5}{4}\right) = \left(-\frac{16}{3}\right) \times \left(-\frac{4}{5}\right) = \frac{64}{15} = 4\frac{4}{15}$$

$$2. \left(-1\frac{1}{3}\right) \div \left(-5\frac{3}{4}\right) = \left(-\frac{4}{3}\right) \div \left(-\frac{23}{4}\right) = \left(-\frac{4}{3}\right) \times \left(-\frac{4}{23}\right) = \frac{16}{69}$$

$$3. \left(-1\frac{1}{2}\right) \div \left(-2\frac{2}{3}\right) = \left(-\frac{3}{2}\right) \div \left(-\frac{8}{3}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{3}{8}\right) = \frac{9}{16}$$

$$4. \left(-3\frac{3}{5}\right) \div 3\frac{1}{2} = \left(-\frac{18}{5}\right) \div \frac{7}{2} = \left(-\frac{18}{5}\right) \times \frac{2}{7} = \left(-\frac{36}{35}\right) = \left(-1\frac{1}{35}\right)$$

$$5. \left(-2\frac{4}{5}\right) \div \left(-5\frac{1}{2}\right) = \left(-\frac{14}{5}\right) \div \left(-\frac{11}{2}\right) = \left(-\frac{14}{5}\right) \times \left(-\frac{2}{11}\right) = \frac{28}{55}$$

$$6. \left(-1\frac{2}{4}\right) \div \left(-2\frac{1}{5}\right) = \left(-\frac{6}{4}\right) \div \left(-\frac{11}{5}\right) = \left(-\frac{6}{4}\right) \times \left(-\frac{5}{11}\right) = \frac{30}{44} = \frac{15}{22}$$

$$7. \left(-4\frac{3}{5}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{23}{5}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{23}{5}\right) \times \left(-\frac{3}{7}\right) = \frac{69}{35} = 1\frac{34}{35}$$

$$8. 2\frac{1}{3} \div \left(-5\frac{2}{4}\right) = \frac{7}{3} \div \left(-\frac{22}{4}\right) = \frac{7}{3} \times \left(-\frac{4}{22}\right) = \left(-\frac{28}{66}\right) = \left(-\frac{14}{33}\right)$$

$$9. \frac{3}{5} \div \left(-5\frac{2}{6}\right) = \frac{3}{5} \div \left(-\frac{32}{6}\right) = \frac{3}{5} \times \left(-\frac{6}{32}\right) = \left(-\frac{18}{160}\right) = \left(-\frac{9}{80}\right)$$

$$10. \left(-4\frac{2}{4}\right) \div 2\frac{1}{3} = \left(-\frac{18}{4}\right) \div \frac{7}{3} = \left(-\frac{18}{4}\right) \times \frac{3}{7} = \left(-\frac{54}{28}\right) = \left(-\frac{27}{14}\right) = \left(-1\frac{13}{14}\right)$$

Dividing Negative Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-5\frac{1}{5}\right) \div 1\frac{5}{6} =$

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

3. $\left(-5\frac{1}{2}\right) \div \left(-5\frac{1}{5}\right) =$

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

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

6. $\left(-5\frac{1}{2}\right) \div 2\frac{1}{3} =$

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

8. $\left(-5\frac{2}{5}\right) \div \left(-5\frac{4}{6}\right) =$

9. $\left(-1\frac{1}{2}\right) \div \left(-2\frac{4}{5}\right) =$

10. $\left(-3\frac{2}{5}\right) \div \left(-3\frac{2}{4}\right) =$

Dividing Negative Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-5\frac{1}{5}\right) \div 1\frac{5}{6} = \left(-\frac{26}{5}\right) \div \frac{11}{6} = \left(-\frac{26}{5}\right) \times \frac{6}{11} = \left(-\frac{156}{55}\right) = \left(-2\frac{46}{55}\right)$$

$$2. \quad 2\frac{1}{6} \div \left(-4\frac{4}{5}\right) = \frac{13}{6} \div \left(-\frac{24}{5}\right) = \frac{13}{6} \times \left(-\frac{5}{24}\right) = \left(-\frac{65}{144}\right)$$

$$3. \quad \left(-5\frac{1}{2}\right) \div \left(-5\frac{1}{5}\right) = \left(-\frac{11}{2}\right) \div \left(-\frac{26}{5}\right) = \left(-\frac{11}{2}\right) \times \left(-\frac{5}{26}\right) = \frac{55}{52} = 1\frac{3}{52}$$

$$4. \quad \left(-1\frac{2}{5}\right) \div \left(-5\frac{4}{6}\right) = \left(-\frac{7}{5}\right) \div \left(-\frac{34}{6}\right) = \left(-\frac{7}{5}\right) \times \left(-\frac{6}{34}\right) = \frac{42}{170} = \frac{21}{85}$$

$$5. \quad \left(-1\frac{4}{5}\right) \div \frac{1}{3} = \left(-\frac{9}{5}\right) \div \frac{1}{3} = \left(-\frac{9}{5}\right) \times \frac{3}{1} = \left(-\frac{27}{5}\right) = \left(-5\frac{2}{5}\right)$$

$$6. \quad \left(-5\frac{1}{2}\right) \div 2\frac{1}{3} = \left(-\frac{11}{2}\right) \div \frac{7}{3} = \left(-\frac{11}{2}\right) \times \frac{3}{7} = \left(-\frac{33}{14}\right) = \left(-2\frac{5}{14}\right)$$

$$7. \quad \left(-2\frac{2}{3}\right) \div \left(-1\frac{3}{4}\right) = \left(-\frac{8}{3}\right) \div \left(-\frac{7}{4}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{4}{7}\right) = \frac{32}{21} = 1\frac{11}{21}$$

$$8. \quad \left(-5\frac{2}{5}\right) \div \left(-5\frac{4}{6}\right) = \left(-\frac{27}{5}\right) \div \left(-\frac{34}{6}\right) = \left(-\frac{27}{5}\right) \times \left(-\frac{6}{34}\right) = \frac{162}{170} = \frac{81}{85}$$

$$9. \quad \left(-1\frac{1}{2}\right) \div \left(-2\frac{4}{5}\right) = \left(-\frac{3}{2}\right) \div \left(-\frac{14}{5}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{5}{14}\right) = \frac{15}{28}$$

$$10. \quad \left(-3\frac{2}{5}\right) \div \left(-3\frac{2}{4}\right) = \left(-\frac{17}{5}\right) \div \left(-\frac{14}{4}\right) = \left(-\frac{17}{5}\right) \times \left(-\frac{4}{14}\right) = \frac{68}{70} = \frac{34}{35}$$

Dividing Negative Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\left(-3\frac{1}{2}\right) \div \frac{2}{5} =$

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

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

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

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

6. $\left(-2\frac{1}{5}\right) \div \left(-4\frac{1}{3}\right) =$

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

8. $5\frac{4}{5} \div \left(-5\frac{5}{6}\right) =$

9. $\left(-2\frac{1}{2}\right) \div \left(-2\frac{1}{3}\right) =$

10. $\left(-3\frac{3}{5}\right) \div 3\frac{5}{6} =$

Dividing Negative Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-3\frac{1}{2}\right) \div \frac{2}{5} = \left(-\frac{7}{2}\right) \div \frac{2}{5} = \left(-\frac{7}{2}\right) \times \frac{5}{2} = \left(-\frac{35}{4}\right) = \left(-8\frac{3}{4}\right)$$

$$2. \quad \left(-1\frac{1}{4}\right) \div \frac{2}{5} = \left(-\frac{5}{4}\right) \div \frac{2}{5} = \left(-\frac{5}{4}\right) \times \frac{5}{2} = \left(-\frac{25}{8}\right) = \left(-3\frac{1}{8}\right)$$

$$3. \quad \left(-1\frac{5}{6}\right) \div \left(-5\frac{2}{5}\right) = \left(-\frac{11}{6}\right) \div \left(-\frac{27}{5}\right) = \left(-\frac{11}{6}\right) \times \left(-\frac{5}{27}\right) = \frac{55}{162}$$

$$4. \quad 3\frac{5}{6} \div \left(-3\frac{3}{5}\right) = \frac{23}{6} \div \left(-\frac{18}{5}\right) = \frac{23}{6} \times \left(-\frac{5}{18}\right) = \left(-\frac{115}{108}\right) = \left(-1\frac{7}{108}\right)$$

$$5. \quad \left(-2\frac{1}{2}\right) \div \left(-1\frac{4}{5}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{9}{5}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{5}{9}\right) = \frac{25}{18} = 1\frac{7}{18}$$

$$6. \quad \left(-2\frac{1}{5}\right) \div \left(-4\frac{1}{3}\right) = \left(-\frac{11}{5}\right) \div \left(-\frac{13}{3}\right) = \left(-\frac{11}{5}\right) \times \left(-\frac{3}{13}\right) = \frac{33}{65}$$

$$7. \quad \left(-5\frac{1}{2}\right) \div \left(-4\frac{1}{5}\right) = \left(-\frac{11}{2}\right) \div \left(-\frac{21}{5}\right) = \left(-\frac{11}{2}\right) \times \left(-\frac{5}{21}\right) = \frac{55}{42} = 1\frac{13}{42}$$

$$8. \quad 5\frac{4}{5} \div \left(-5\frac{5}{6}\right) = \frac{29}{5} \div \left(-\frac{35}{6}\right) = \frac{29}{5} \times \left(-\frac{6}{35}\right) = \left(-\frac{174}{175}\right)$$

$$9. \quad \left(-2\frac{1}{2}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{3}{7}\right) = \frac{15}{14} = 1\frac{1}{14}$$

$$10. \quad \left(-3\frac{3}{5}\right) \div 3\frac{5}{6} = \left(-\frac{18}{5}\right) \div \frac{23}{6} = \left(-\frac{18}{5}\right) \times \frac{6}{23} = \left(-\frac{108}{115}\right)$$

Dividing Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\left(-3\frac{2}{3}\right) \div \left(-3\frac{2}{4}\right) =$

3. $\left(-1\frac{5}{6}\right) \div \left(-4\frac{1}{5}\right) =$

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

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

6. $\left(-1\frac{3}{6}\right) \div \left(-4\frac{2}{5}\right) =$

7. $\left(-4\frac{2}{3}\right) \div \left(-4\frac{3}{4}\right) =$

8. $\left(-3\frac{1}{2}\right) \div \frac{2}{3} =$

9. $\left(-5\frac{1}{6}\right) \div \left(-3\frac{3}{5}\right) =$

10. $\left(-5\frac{2}{4}\right) \div \left(-2\frac{1}{3}\right) =$

Dividing Negative Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \left(-5\frac{3}{4}\right) \div 4\frac{1}{5} = \left(-\frac{23}{4}\right) \div \frac{21}{5} = \left(-\frac{23}{4}\right) \times \frac{5}{21} = \left(-\frac{115}{84}\right) = \left(-1\frac{31}{84}\right)$$

$$2. \quad \left(-3\frac{2}{3}\right) \div \left(-3\frac{2}{4}\right) = \left(-\frac{11}{3}\right) \div \left(-\frac{14}{4}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{4}{14}\right) = \frac{44}{42} = \frac{22}{21} = 1\frac{1}{21}$$

$$3. \quad \left(-1\frac{5}{6}\right) \div \left(-4\frac{1}{5}\right) = \left(-\frac{11}{6}\right) \div \left(-\frac{21}{5}\right) = \left(-\frac{11}{6}\right) \times \left(-\frac{5}{21}\right) = \frac{55}{126}$$

$$4. \quad \left(-3\frac{1}{3}\right) \div 4\frac{3}{4} = \left(-\frac{10}{3}\right) \div \frac{19}{4} = \left(-\frac{10}{3}\right) \times \frac{4}{19} = \left(-\frac{40}{57}\right)$$

$$5. \quad \frac{1}{4} \div \left(-2\frac{2}{3}\right) = \frac{1}{4} \div \left(-\frac{8}{3}\right) = \frac{1}{4} \times \left(-\frac{3}{8}\right) = \left(-\frac{3}{32}\right)$$

$$6. \quad \left(-1\frac{3}{6}\right) \div \left(-4\frac{2}{5}\right) = \left(-\frac{9}{6}\right) \div \left(-\frac{22}{5}\right) = \left(-\frac{9}{6}\right) \times \left(-\frac{5}{22}\right) = \frac{45}{132} = \frac{15}{44}$$

$$7. \quad \left(-4\frac{2}{3}\right) \div \left(-4\frac{3}{4}\right) = \left(-\frac{14}{3}\right) \div \left(-\frac{19}{4}\right) = \left(-\frac{14}{3}\right) \times \left(-\frac{4}{19}\right) = \frac{56}{57}$$

$$8. \quad \left(-3\frac{1}{2}\right) \div \frac{2}{3} = \left(-\frac{7}{2}\right) \div \frac{2}{3} = \left(-\frac{7}{2}\right) \times \frac{3}{2} = \left(-\frac{21}{4}\right) = \left(-5\frac{1}{4}\right)$$

$$9. \quad \left(-5\frac{1}{6}\right) \div \left(-3\frac{3}{5}\right) = \left(-\frac{31}{6}\right) \div \left(-\frac{18}{5}\right) = \left(-\frac{31}{6}\right) \times \left(-\frac{5}{18}\right) = \frac{155}{108} = 1\frac{47}{108}$$

$$10. \quad \left(-5\frac{2}{4}\right) \div \left(-2\frac{1}{3}\right) = \left(-\frac{22}{4}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{22}{4}\right) \times \left(-\frac{3}{7}\right) = \frac{66}{28} = \frac{33}{14} = 2\frac{5}{14}$$