

Multiplication and Division of Fractions Practice

1. Multiply and divide the following; simplify where applicable.

a) $\frac{3}{7} \times \frac{1}{2}$

b) $\frac{5}{3} \times \frac{2}{7}$

c) $5 \times \frac{3}{4}$

d) $-\frac{5}{3} \times \frac{11}{2}$

e) $\frac{3}{4} \times -\frac{2}{7}$

f) $\frac{3}{2} \div \frac{1}{5}$

g) $\frac{1}{8} \div 3$

h) $\frac{2}{7} \div -\frac{3}{5}$

i) $-\frac{2}{9} \div -\frac{3}{8}$

k) $2\frac{1}{3} \times \frac{2}{4}$

l) $\frac{3}{5} \div 3\frac{1}{2}$

m) $-1\frac{1}{3} \times \frac{2}{5}$

Riddle Me This

Evaluate each of the following then turn your calculator upside down to reveal the answers to the riddles. Remember your *BEDMAS* rules!

1. Your car's favourite restaurant. $(45 \times 356 + 14 \times 87) \div 2 + 2726$
2. You might find him in a gaggle. $186^2 + 19 \times 3 - 24 \times 8 + 545$
3. Cable and phone. $4522 + 6(11258 - 25 \times 96 + 8)$
4. Plump man's ride. $668^2 + 3(4901 + 200) - 152$
5. To tie the legs of a horse together. $(524 \times 956 \div 2) + 56 \times 956 + 7(10000) + 3796 + 10^3$
6. Central American country that borders Guatemala and Mexico. $568 \times 587 - 2(56 + 8)^2 - (581 \times 6)$
7. H₂O at 100°C $485 \times 96 \div 6 - (7 \times 3 + 8)^2 + 189$
8. Artificial precipitation device. $4(26 \times 35 - 58 \div 2) - 5 \times 4$
9. Fish have no use for them. $5(25^3) - 25 \times 8 - 2^{15} + 7888$
10. Where Daisy and Rose live. $(3^2 + 8 \times 10)^2 - 29^2 + 5^2$

