

1. Change mixed numbers into improper fractions and vice versa:

a)  $14/4 =$

d)  $3 \frac{1}{2} =$

g)  $47/12 =$

j)  $6 \frac{7}{11} =$

b)  $21/5 =$

e)  $4 \frac{3}{4} =$

h)  $51/7 =$

k)  $7 \frac{3}{4} =$

c)  $9/2 =$

f)  $4 \frac{9}{10} =$

i)  $32/10 =$

l)  $9 \frac{6}{7} =$

2. Add/subtract fractions with like denominators

a)  $1/10 + 4/10 =$

c)  $46/9 - 1/9 =$

b)  $1/12 + 8/12 =$

d)  $12/3 - 8/3 =$

3. Add/subtract fractions with unlike denominators

a)  $2/3 - 1/4 =$

g)  $8 \frac{3}{4} - 1 \frac{4}{5} =$

b)  $1/2 - 2/5 =$

h)  $9 \frac{3}{5} - 3 \frac{2}{3} =$

c)  $7/10 - 1/2 =$

i)  $5 \frac{3}{12} - 4 \frac{3}{28} =$

d)  $3/4 + 4/8 + 7/8 =$

j)  $6 \frac{14}{25} + 4 \frac{4}{10} =$

e)  $1/5 + 10/30 + 9/15 =$

k)  $2 \frac{3}{5} + 5 \frac{6}{45} =$

f)  $2/7 + 2/4 + 8/56 =$

l)  $4 \frac{2}{4} + 7 \frac{4}{7} =$

4. Reduce simplify fractions:

a)  $7/14 =$

a)  $56/70 =$

b)  $56/72 =$

b)  $27/72 =$

c)  $12 / 18 =$

c)  $33/33 =$

5. Compare fractions < > or =

a)  $3/4$  \_\_\_\_  $3/12$

e)  $1/12$  \_\_\_\_  $5/60$

b)  $1/5$  \_\_\_\_  $4/10$

f)  $4/9$  \_\_\_\_  $2/9$

c)  $2/9$  \_\_\_\_  $3/8$

g)  $10/11$  \_\_\_\_  $60 / 66$

d)  $2/11$  \_\_\_\_  $2/4$

h)  $5/7$  \_\_\_\_  $3/7$

6. Multiply and divide fractions

a)  $1/2 \times 3/10 =$

d)  $4 \frac{4}{5} \times 4 \frac{1}{2} =$

b)  $3/5 \times 6/15 =$

e)  $2 \frac{2}{3} \times 4 \frac{1}{5} =$

c)  $1/2 \times 2/5 =$

f)  $2 \frac{6}{7} \times 3 \frac{4}{9} =$

g)  $8/7 \times 5 =$

h)  $4/10 : 1/3 =$

k)  $2 \frac{1}{2} : 4 \frac{9}{10} =$

i)  $3/5 : 3/4 =$

l)  $4 \frac{4}{5} : 2 \frac{1}{4} =$

j)  $1/3 : 1/10 =$

m)  $2/4 : 9 =$

7. Steve had \$40. He spent  $2/5$  of it on jeans. How much does he have left?

8. Maria ate  $1/16$  of a cake. Bobby ate  $1/8$ , and Jackson ate  $1/4$  of a cake. What fraction was left?

9. Craig earns \$7.58 per hour working. If he works for 51 hours, how much money will Craig earn?

10. Convert Decimal to Fraction and vice versa

$1.95 =$

$91/50 =$

$0.161 =$

$39 =$

$1/8 =$

$0.133 =$

11. Karla and Jeremy have a circular pool with a diameter of 12 feet. What is the circumference of the pool?

12. Peter ate  $10 \frac{1}{2}$  hot dogs each day. John ate 56 hot dogs each week. How many hot dogs did they eat together after 5 weeks?

13.  $12 \times (52+22) - 8 \times 3 =$

$4^2 + (6 \times 8) + 1063 - 33 =$

$19^2 - (64 : 4) + 40 : 2 =$

14. Multiply

a)  $9 \times 3,403 =$

b)  $12,7209 \times 12 =$

c)  $8 \times 21090 =$

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d)  $\$3.62 \times 8 =$

e)  $\$11.00 \times 0.3$

f)  $\$28.98 \times 100 =$

15. Divide

a)  $582 : 9 =$

b)  $195 : 2 =$

c)  $484 : 2 =$

d)  $2109 : 3 =$

e)  $5292 : 4 =$

f)  $3248 : 7 =$