

Fraction – Decimal – Percent Conversions

Fraction	Decimal	Percent
$\frac{1}{16}$	0.0625	$6\frac{1}{4}$
$\frac{2}{16}$	0.125	$12\frac{1}{2}$
$\frac{3}{16}$	0.1875	$18\frac{3}{4}$
$\frac{4}{16}$	0.25	25
$\frac{5}{16}$	0.3125	$31\frac{1}{4}$
$\frac{6}{16}$	0.375	$37\frac{1}{2}$
$\frac{7}{16}$	0.4375	$43\frac{3}{4}$
$\frac{8}{16}$	0.5	$\frac{1}{2}$
$\frac{9}{16}$	0.5625	$56\frac{1}{4}$
$\frac{10}{16}$	0.625	$62\frac{1}{2}$
$\frac{11}{16}$	0.6875	$68\frac{3}{4}$
$\frac{12}{16}$	0.75	75
$\frac{13}{16}$	0.8125	$81\frac{1}{4}$
$\frac{14}{16}$	0.875	$87\frac{1}{2}$
$\frac{15}{16}$	0.9375	$93\frac{3}{4}$
$\frac{1}{12}$	$0.08\bar{3}$	$8\frac{1}{3}$
$\frac{2}{12}$	$0.1\bar{6}$	$16\frac{2}{3}$
$\frac{3}{12}$	0.25	25
$\frac{4}{12}$	$0.\bar{3}$	$33\frac{1}{3}$
$\frac{5}{12}$	$0.41\bar{6}$	$41\frac{2}{3}$
$\frac{6}{12}$	0.5	50
$\frac{7}{12}$	$0.58\bar{3}$	$58\frac{1}{3}$

Fraction	Decimal	Percent
$\frac{8}{12}$	$0.\bar{6}$	$66\frac{2}{3}$
$\frac{9}{12}$	0.75	75
$\frac{10}{12}$	$0.8\bar{3}$	$83\frac{1}{3}$
$\frac{11}{12}$	$0.91\bar{6}$	$91\frac{2}{3}$
$\frac{1}{11}$	$0.0\bar{9}$	$9\frac{1}{11}$
$\frac{2}{11}$	$0.1\bar{8}$	$18\frac{2}{11}$
$\frac{3}{11}$	$0.2\bar{7}$	$27\frac{3}{11}$
$\frac{4}{11}$	$0.3\bar{6}$	$36\frac{4}{11}$
$\frac{5}{11}$	$0.4\bar{5}$	$45\frac{5}{11}$
$\frac{6}{11}$	$0.5\bar{4}$	$54\frac{6}{11}$
$\frac{7}{11}$	$0.6\bar{3}$	$63\frac{7}{11}$
$\frac{8}{11}$	$0.7\bar{2}$	$72\frac{8}{11}$
$\frac{9}{11}$	$0.8\bar{1}$	$81\frac{9}{11}$
$\frac{10}{11}$	$0.9\bar{0}$	$90\frac{10}{11}$
$\frac{1}{10}$	0.1	10
$\frac{2}{10}$	0.2	20
$\frac{3}{10}$	0.3	30
$\frac{4}{10}$	0.4	40
$\frac{5}{10}$	0.5	50
$\frac{6}{10}$	0.6	60
$\frac{7}{10}$	0.7	70
$\frac{8}{10}$	0.8	80

Fraction	Decimal	Percent
$\frac{9}{10}$	0.9	90
$\frac{1}{9}$	$0.\bar{1}$	$11\frac{1}{9}$
$\frac{2}{9}$	$0.\bar{2}$	$22\frac{2}{9}$
$\frac{3}{9}$	$0.\bar{3}$	$33\frac{1}{3}$
$\frac{4}{9}$	$0.\bar{4}$	$44\frac{4}{9}$
$\frac{5}{9}$	$0.\bar{5}$	$55\frac{5}{9}$
$\frac{6}{9}$	$0.\bar{6}$	$66\frac{2}{3}$
$\frac{7}{9}$	$0.\bar{7}$	$77\frac{7}{9}$
$\frac{8}{9}$	$0.\bar{8}$	$88\frac{8}{9}$
$\frac{1}{8}$	0.125	$12\frac{1}{2}$
$\frac{2}{8}$	0.25	25
$\frac{3}{8}$	0.375	$37\frac{1}{2}$
$\frac{4}{8}$	0.5	50
$\frac{5}{8}$	0.625	$62\frac{1}{2}$
$\frac{6}{8}$	0.75	75
$\frac{7}{8}$	0.875	$87\frac{1}{2}$
$\frac{1}{7}$	$0.\overline{142857}$	$14\frac{2}{7}$
$\frac{2}{7}$	$0.\overline{285714}$	$28\frac{4}{7}$
$\frac{3}{7}$	$0.\overline{428571}$	$42\frac{6}{7}$
$\frac{4}{7}$	$0.\overline{571428}$	$57\frac{1}{7}$
$\frac{5}{7}$	$0.\overline{714285}$	$71\frac{3}{7}$
$\frac{6}{7}$	$0.\overline{857142}$	$85\frac{5}{7}$

Fraction	Decimal	Percent
$\frac{1}{6}$	$0.1\bar{6}$	$16\frac{2}{3}$
$\frac{2}{6}$	$0.\bar{3}$	$33\frac{1}{3}$
$\frac{3}{6}$	0.5	50
$\frac{4}{6}$	$0.\bar{6}$	$66\frac{2}{3}$
$\frac{5}{6}$	$0.8\bar{3}$	$83\frac{1}{3}$
$\frac{1}{5}$	0.2	20
$\frac{2}{5}$	0.4	40
$\frac{3}{5}$	0.6	60
$\frac{4}{5}$	0.8	80
$\frac{1}{4}$	0.25	25
$\frac{2}{4}$	0.5	50
$\frac{3}{4}$	0.75	75
$\frac{1}{3}$	$0.\bar{3}$	$33\frac{1}{3}$
$\frac{2}{3}$	$0.\bar{6}$	$66\frac{2}{3}$
$\frac{1}{2}$	0.5	50

Difference of Squares

(1) $13^2 - 11^2 =$ _____

1) 48

(2) $23^2 - 20^2 =$ _____

2) 129

(3) $18^2 - 13^2 =$ _____

3) 155

(4) $17^2 - 12^2 =$ _____

4) 145

(5) $45^2 - 44^2 =$ _____

5) 89

(6) $71^2 - 69^2 =$ _____

6) 280

(7) $19^2 - 20^2 =$ _____

7) -39

(8) $25^2 - 30^2 =$ _____

8) -275

(9) $15^2 - 25^2 =$ _____

9) -400

(10) $49^2 - 24^2 =$ _____

10) 1825

Time: _____

missed _____

Mixed Number Multiplication (Fractions Sum to 1)
{With Mixed Number Answer Format}

(1) $3\frac{1}{4} \times 3\frac{3}{4} =$ _____ (mixed number)

1) 12 $\frac{3}{16}$

(2) $5\frac{1}{4} \times 5\frac{3}{4} =$ _____ (mixed number)

2) 30 $\frac{3}{16}$

(3) $2\frac{1}{5} \times 2\frac{4}{5} =$ _____ (mixed number)

3) 6 $\frac{4}{25}$

(4) $4\frac{3}{8} \times 4\frac{5}{8} =$ _____ (mixed number)

4) 20 $\frac{15}{64}$

(5) $7\frac{1}{2} \times 7\frac{1}{2} =$ _____ (mixed number)

5) 56 $\frac{1}{4}$

(6) $7\frac{7}{9} \times 7\frac{2}{9} =$ _____ (mixed number)

6) 56 $\frac{14}{81}$

(7) $11\frac{4}{7} \times 11\frac{3}{7} =$ _____ (mixed number)

7) 132 $\frac{12}{49}$

(8) $8\frac{1}{6} \times 8\frac{5}{6} =$ _____ (mixed number)

8) 72 $\frac{5}{36}$

(9) $4\frac{3}{11} \times 4\frac{8}{11} =$ _____ (mixed number)

9) 20 $\frac{24}{121}$

(10) $3\frac{2}{3} \times 3\frac{1}{3} =$ _____ (mixed number)

10) 12 $\frac{2}{9}$

Time: _____

#missed: _____

Mixed Number Multiplication (Fractions are Identical)
{With Mixed Number Answer Format}

- (1) $2\frac{1}{4} \times 2\frac{1}{4} =$ _____ (mixed number) 1) $5\frac{1}{16}$
- (2) $5\frac{1}{2} \times 3\frac{1}{2} =$ _____ (mixed number) 2) $19\frac{1}{4}$
- (3) $2\frac{1}{5} \times 3\frac{1}{5} =$ _____ (mixed number) 3) $7\frac{1}{25}$
- (4) $4\frac{3}{8} \times 4\frac{3}{8} =$ _____ (mixed number) 4) $19\frac{9}{64}$
- (5) $4\frac{2}{3} \times 2\frac{2}{3} =$ _____ (mixed number) 5) $12\frac{4}{9}$
- (6) $1\frac{4}{9} \times 8\frac{4}{9} =$ _____ (mixed number) 6) $12\frac{16}{81}$
- (7) $6\frac{2}{5} \times 9\frac{2}{5} =$ _____ (mixed number) 7) $60\frac{4}{25}$
- (8) $12\frac{5}{6} \times 6\frac{5}{6} =$ _____ (mixed number) 8) $87\frac{25}{36}$
- (9) $4\frac{3}{4} \times 4\frac{3}{4} =$ _____ (mixed number) 9) $22\frac{9}{16}$
- (10) $3\frac{2}{3} \times 6\frac{2}{3} =$ _____ (mixed number) 10) $24\frac{4}{9}$

Time: _____

#missed: _____

Multiplication by 11 Practice

(1) $11 \times 25 =$ _____

1) 275

(2) $39 \times 11 =$ _____

2) 429

(3) $11 \times 78 =$ _____

3) 858

(4) $11 \times 99 =$ _____

4) 1089

(5) $53 \times 11 =$ _____

5) 583

(6) $11 \times 731 =$ _____

6) 8041

(7) $692 \times 11 =$ _____

7) 7612

(8) $11 \times 307 =$ _____

8) 3377

(9) $11 \times 149 =$ _____

9) 1639

(10) $783 \times 11 =$ _____

10) 8613

Time: _____ #Missed: _____

Multiplication by 11 Practice_2

(1) $11 \times 205 =$ _____

1) 2255

(2) $452 \times 11 =$ _____

2) 4972

(3) $11 \times 768 =$ _____

3) 8448

(4) $11 \times 909 =$ _____

4) 9999

(5) $881 \times 11 =$ _____

5) 9691

(6) $11 \times 2061 =$ _____

6) 22671

(7) $8302 \times 11 =$ _____

7) 91322

(8) $11 \times 3746 =$ _____

8) 41206

(9) $11 \times 2379 =$ _____

9) 26169

(10) $5783 \times 11 =$ _____

10) 63613

Time: _____ #Missed: _____

12's Multiplication Drill

(1) $16 \times 12 =$ _____

(1) 192

(2) $24 \times 12 =$ _____

(2) 288

(3) $56 \times 12 =$ _____

(3) 672

(4) $812 \times 12 =$ _____

(4) 9744

(5) $508 \times 12 =$ _____

(5) 6096

(6) $749 \times 12 =$ _____

(6) 8988

(7) $265 \times 12 =$ _____

(7) 3180

(8) $151 \times 12 =$ _____

(8) 1812

(9) $942 \times 12 =$ _____

(9) 11304

(10) $963 \times 12 =$ _____

(10) 11556

(15) $849 \times 12 =$ _____

(15) 10188

(12) $566 \times 12 =$ _____

(12) 6792

Your Time _____ #Missed _____

15's Multiplication Drill

(1) $16 \times 15 =$ _____

(1) 240

(2) $24 \times 15 =$ _____

(2) 360

(3) $56 \times 15 =$ _____

(3) 840

(4) $81 \times 15 =$ _____

(4) 1215

(5) $58 \times 15 =$ _____

(5) 870

(6) $49 \times 15 =$ _____

(6) 735

(7) $65 \times 15 =$ _____

(7) 975

(8) $21 \times 15 =$ _____

(8) 315

(9) $94 \times 15 =$ _____

(9) 1410

(10) $63 \times 15 =$ _____

(10) 945

(15) $89 \times 15 =$ _____

(15) 1335

(12) $66 \times 15 =$ _____

(12) 990

Your Time _____ #Missed _____

Multiplication by 25 Practice

(1) $42 \times 25 =$ _____

1) 1050

(2) $25 \times 24 =$ _____

2) 600

(3) $19 \times 25 =$ _____

3) 475

(4) $44 \times 25 =$ _____

4) 1100

(5) $25 \times 28 =$ _____

5) 700

(6) $25 \times 73 =$ _____

6) 1825

(7) $69 \times 25 =$ _____

7) 1725

(8) $30 \times 25 =$ _____

8) 750

(9) $25 \times 95 =$ _____

9) 2375

(10) $25 \times 98 =$ _____

10) 2450

Time: _____ #Missed: _____

Multiplication by 25 Practice_2

(1) $66 \times 25 =$ _____

1) 11650

(2) $25 \times 71 =$ _____

2) 1775

(3) $18 \times 25 =$ _____

3) 450

(4) $56 \times 25 =$ _____

4) 1400

(5) $25 \times 32 =$ _____

5) 800

(6) $25 \times 75 =$ _____

6) 1875

(7) $92 \times 25 =$ _____

7) 2300

(8) $50 \times 25 =$ _____

8) 1250

(9) $25 \times 89 =$ _____

9) 2225

(10) $25 \times 66 =$ _____

10) 1650

Time: _____ #Missed: _____

Multiplication by 25 Practice_3

(1) $163 \times 25 =$ _____

1) 4075

(2) $25 \times 322 =$ _____

2) 8050

(3) $108 \times 25 =$ _____

3) 2700

(4) $336 \times 25 =$ _____

4) 8400

(5) $25 \times 721 =$ _____

5) 18025

(6) $25 \times 942 =$ _____

6) 23550

(7) $888 \times 25 =$ _____

7) 22200

(8) $461 \times 25 =$ _____

8) 11525

(9) $25 \times 241 =$ _____

9) 6025

(10) $25 \times 374 =$ _____

10) 9350

Time: _____ #Missed: _____

Multiplication by 101 Practice

(1) $101 \times 25 =$ _____

1) 2525

(2) $39 \times 101 =$ _____

2) 3939

(3) $101 \times 78 =$ _____

3) 7878

(4) $101 \times 99 =$ _____

4) 9999

(5) $530 \times 101 =$ _____

5) 53530

(6) $101 \times 730 =$ _____

6) 73730

(7) $132 \times 101 =$ _____

7) 13332

(8) $101 \times 314 =$ _____

8) 31714

(9) $101 \times 149 =$ _____

9) 15049

(10) $783 \times 101 =$ _____

10) 79083

Time: _____ #Missed: _____

Multiplication by 101 Practice_2

(1) $101 \times 205 =$ _____

1) 20705

(2) $402 \times 101 =$ _____

2) 40602

(3) $101 \times 708 =$ _____

3) 71508

(4) $101 \times 909 =$ _____

4) 01809

(5) $881 \times 101 =$ _____

5) 88981

(6) $101 \times 261 =$ _____

6) 26361

(7) $802 \times 101 =$ _____

7) 81002

(8) $101 \times 376 =$ _____

8) 37976

(9) $101 \times 237 =$ _____

9) 23937

(10) $578 \times 101 =$ _____

10) 58378

Time: _____ #Missed: _____

Multiplication by 111 Practice

(1) $111 \times 123 =$ _____

1) 13653

(2) $302 \times 111 =$ _____

2) 33522

(3) $111 \times 715 =$ _____

3) 79365

(4) $111 \times 246 =$ _____

4) 27306

(5) $153 \times 111 =$ _____

5) 16983

(6) $111 \times 23 =$ _____

6) 8041

(7) $31 \times 111 =$ _____

7) 3441

(8) $111 \times 38 =$ _____

8) 4218

(9) $111 \times 49 =$ _____

9) 5439

(10) $78 \times 111 =$ _____

10) 8658

Time: _____ #Missed: _____

Multiplication by 111 Practice_2

(1) $111 \times 205 =$ _____

1) 22755

(2) $402 \times 111 =$ _____

2) 44622

(3) $111 \times 708 =$ _____

3) 78588

(4) $111 \times 909 =$ _____

4) 100899

(5) $88 \times 111 =$ _____

5) 9768

(6) $111 \times 222 =$ _____

6) 24642

(7) $832 \times 111 =$ _____

7) 92352

(8) $111 \times 37 =$ _____

8) 4107

(9) $111 \times 29 =$ _____

9) 3219

(10) $578 \times 111 =$ _____

10) 64158

Time: _____ #Missed: _____

Multiplication by 143 Practice

(1) $143 \times 21 =$ _____

1) 3003

(2) $7 \times 143 =$ _____

2) 1001

(3) $143 \times 14 =$ _____

3) 2002

(4) $143 \times 28 =$ _____

4) 4004

(5) $56 \times 143 =$ _____

5) 8008

(6) $143 \times 35 =$ _____

6) 5005

(7) $350 \times 143 =$ _____

7) 50050

(8) $143 \times 490 =$ _____

8) 70070

(9) $143 \times 70 =$ _____

9) 70070

(10) $63 \times 143 =$ _____

10) 9009

Time: _____ #Missed: _____

Multiplication by 143 Practice_2

(1) $143 \times 70 =$ _____

1) 10010

(2) $143 \times 84 =$ _____

2) 12012

(3) $143 \times 210 =$ _____

3) 30030

(4) $143 \times 91 =$ _____

4) 13013

(5) $98 \times 143 =$ _____

5) 14014

(6) $143 \times 140 =$ _____

6) 20020

(7) $840 \times 143 =$ _____

7) 120120

(8) $143 \times 280 =$ _____

8) 40040

(9) $143 \times 630 =$ _____

9) 90090

(10) $770 \times 143 =$ _____

10) 110110

Time: _____ #Missed: _____

Multiplication by 286 Practice

(1) $286 \times 7 =$ _____

(2) $14 \times 286 =$ _____

(3) $286 \times 21 =$ _____

(4) $286 \times 35 =$ _____

(5) $49 \times 286 =$ _____

(6) $286 \times 56 =$ _____

(7) $63 \times 286 =$ _____

(8) $286 \times 70 =$ _____

(9) $286 \times 280 =$ _____

(10) $350 \times 286 =$ _____

1) 2002

2) 4004

3) 6006

4) 10010

5) 14014

6) 16016

7) 18018

8) 20020

9) 80080

10) 100100

Time: _____ #Missed: _____

Multiplication by 286 Practice_2

(1) $286 \times 210 =$ _____

1) 60060

(2) $77 \times 286 =$ _____

2) 22022

(3) $286 \times 84 =$ _____

3) 24024

(4) $286 \times 91 =$ _____

4) 26026

(5) $98 \times 286 =$ _____

5) 28028

(6) $286 \times 420 =$ _____

6) 120120

(7) $490 \times 286 =$ _____

7) 140140

(8) $286 \times 630 =$ _____

8) 180180

(9) $286 \times 770 =$ _____

9) 220220

(10) $910 \times 286 =$ _____

10) 260260

Time: _____ #Missed: _____

Squares of Numbers

(1) $13^2 =$ _____

1) 169

(2) $23^2 =$ _____

2) 529

(3) $18^2 =$ _____

3) 324

(4) $21^2 =$ _____

4) 441

(5) $17^2 =$ _____

5) 289

(6) $14^2 =$ _____

6) 196

(7) $19^2 =$ _____

7) 361

(8) $25^2 =$ _____

8) 625

(9) $15^2 =$ _____

9) 225

(10) $24^2 =$ _____

10) 576

Time: _____

missed _____