Math For Me:

Level G (Answer Key)

This book belongs to:

_____

Math For Me

Level G (Answer Key)

MATH FOR ME
LEVEL G (ANSWER KEY)

Note to parents:

Thank you for buying this workbook, I made it for my own children and wanted to share. We like to play a lot of math games, so I wanted a workbook with less worksheets, this way we have more time to play. Use it as a guide and play as much as you can.

I hope you and your children enjoy it.

Abby.

Contents

NUMBERS AND NUMBER SENSE

Trillions			Billions			Millions			Thousands			Ones		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
7	2	0	4	5	2	7	8	2	8	4	7	2	9	0

Write the correct place value of the number underlined.

1) 123,456,789

Thousands

2) 462,472,935,263,721

Hundreds

3) 234,847,892,463,468

Ten Millions

4) 463,274,942,862,683

Ten Billions

5) 572,863,094,045,338

Hundred Trillions

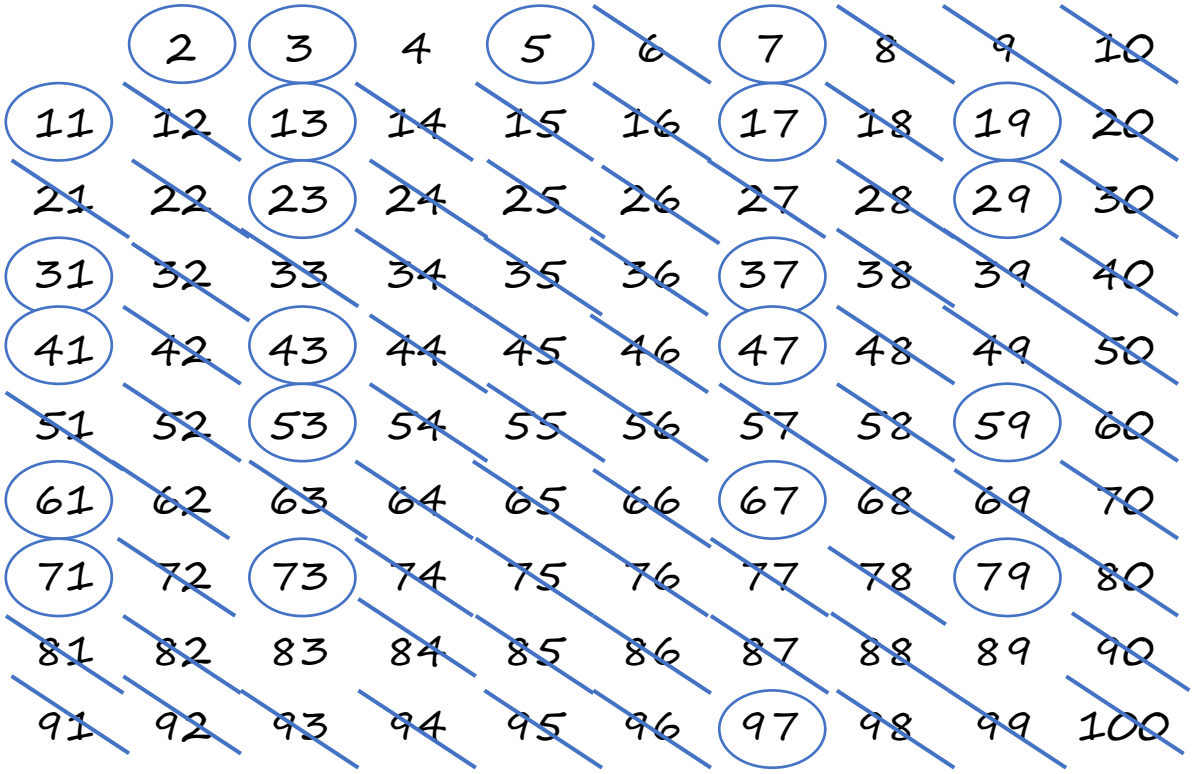
6) 903,757,956,258,345

Ten Thousands

Write the opposite numbers.

3	-3
18	-18
100	-100
9	-9
76	-76

Find the prime numbers and circle them. Cross the composite numbers.



Write >, or <.

-30	<	10
122	>	-500
329	<	400
-15	>	-45

Round to the nearest thousand.

3,586	4,000
6,284	6,000
1,005	1,000
5,809	6,000
7,624	8,000

Write >, or <.

–	$\frac{1}{3}$	<	$\frac{6}{8}$	
	1.32	>	- 9.45	
	32.9	>	- 40.1	
–	$\frac{5}{2}$	<	$\frac{6}{3}$	

Round to the nearest thousand, then add.

1,693	→	2,000
+ 9,342		+ 9,000
11,035		11,000

5,682	→	6,000
+ 4,294		+4,000
9,976		10,000

8,123	→	8,000
+ 3,421		+3,000
11,544		11,000

Round to the nearest ten thousand.

23,467	20,000
71,368	70,000
19,352	20,000
68,410	70,000
70,295	70,000

Write >, or <.

$-\frac{5}{6}$		<		$\frac{5}{4}$
5.41		>	-	5.41
45.23		>	-	65.11
$-\frac{8}{3}$		<		$\frac{10}{9}$

Round to the nearest ten thousand, then add.

34,089	→	30,000
+ 23,411		+ 20,000
57,500		50,000

55,682	→	60,000
+ 14,294		+10,000
69,976		70,000

80,123	→	80,000
+ 39,261		+40,000
119,384		120,000

Round to the nearest ten thousand.

423,407	420,000
871,328	870,000
189,332	190,000
618,490	620,000
780,095	780,000

Write >, or <.

–	$\frac{53}{60}$	<		$\frac{15}{8}$
	12.72	>	-	18.32
	59.01	>	-	31.51
–	$\frac{23}{45}$	<		$\frac{15}{12}$

Round to the nearest ten thousand, then add.

472,492	→	470,000
+ 159,953		+ 160,000
632,445		630,000

276,664	→	280,000
+ 793,670		+790,000
1,070,334		1,070,000

429097	→	430,000
+ 538,072		+540,000
967,169		970,000

Find the Greatest Common Factor.

60, 120, 132

12

45, 100, 105

5

80, 90, 100

10

Find the Least Common Multiple.

5, 15, 30

30

7, 14, 21

42

3, 5, 15

15

Solve.

$1^2=$ 1	$4^2=$ 16	$7^2=$ 49	$10^2=$ 100
$2^2=$ 4	$5^2=$ 25	$8^2=$ 64	$11^2=$ 121
$3^2=$ 9	$6^2=$ 36	$9^2=$ 81	$12^2=$ 144

$1^4=$ 1x1x1x1=1	$8^3=$ 512
$3^2=$ 9	$2^8=$ 256
$5^6=$ 15,625	$6^5=$ 7,776

$10^1=$	10
$10^2=$	100
$10^3=$	1,000
$10^4=$	10x10x10x10=10,000
$10^5=$	100,000
$10^6=$	1,000,000

Solve.

$17^1=$	17
$2^2=$	4
$6^7=$	279,936
$10^5=$	100,000
$9^3=$	729
$4^6=$	4,096

$10^{10}=$	10,000,000,000
$2^8=$	256
$8^3=$	512
$9^1=$	9
$7^7=$	823,543
$15^5=$	759,375

Solve.

10 x 9.372 = 93.72

10 x 2.505 = 25.05

10 X 9.891 =98.91

100 x 8.797 = 879.7

100 x 6.541 = 654.1

1,000 x 2.682 = 2,682

Solve.

10 x 13.952 = 139.52

10 x 74.829 = 748.29

10 X 84.592 = 845.92

100 x 43.967 = 4,396.7

100 x 29.417 = 2,941.7

1,000 x 175.728 = 175,728

Write these numbers in expanded notation.

683,693 = (6 x 100,000) + (8 x 10,000) + (3 x 1,000) + (6 x 100) + (9 x 10) + (3 x 1)

395,194 = (3 x 100,000) + (9 x 10,000) + (5 x 1,000) + (1 x 100) + (9 x 10) + (4 x 1)

682,023 = (6 x 100,000) + (8 x 10,000) + (2 x 1,000) + (2 x 10) + (3 x 1)

592,340 = (5 x 100,000) + (9 x 10,000) + (2 x 1,000) + (3 x 100) + (4 x 10)

Write these numbers in expanded notation using exponents.

$683{,}693 = (6 \times 10^5) + (8 \times 10^4) + (3 \times 10^3) + (6 \times 10^2) + (9 \times 10^1) + (3 \times 10^0)$

$395{,}194 = (3 \times 10^5) + (9 \times 10^4) + (5 \times 10^3) + (1 \times 10^2) + (9 \times 10^1) + (4 \times 10^0)$

$682{,}023 = (6 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (2 \times 10^1) + (3 \times 10^0)$

$592{,}340 = (5 \times 10^5) + (9 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (4 \times 10^1)$

Write these numbers in expanded notation two different ways.

293,174 = (2 x 100,000) + (9 x 10,000) + (3 x 1,000) + (1 x 100) + (7 x 10) + (4 x 1)

$(2 \times 10^5) + (9 \times 10^4) + (3 \times 10^3) + (1 \times 10^2) + (7 \times 10^1) + (4 \times 10^0)$

395,194 = (3 x 100,000) + (9 x 10,000) + (5 x 1,000) + (1 x 100) + (9 x 10) + (4 x 1)

$(3 \times 10^5) + (9 \times 10^4) + (5 \times 10^3) + (1 \times 10^2) + (9 \times 10^1) + (4 \times 10^0)$

682,023 = (6 x 100,000) + (8 x 10,000) + (2 x 1,000) + (2 x 10) + (3 x 1)

$(6 \times 10^5) + (8 \times 10^4) + (2 \times 10^3) + (2 \times 10^1) + (3 \times 10^0)$

Find the square root.

$\sqrt{1} = 1$	$\sqrt{25} = 5$
$\sqrt{81} = 9$	$\sqrt{100} = 10$
$\sqrt{49} = 7$	$\sqrt{9} = 3$
$\sqrt{121} = 11$	$\sqrt{4} = 2$
$\sqrt{16} = 4$	$\sqrt{36} = 6$

Find the square root.

$\sqrt{64} = 8$	$\sqrt{144} = 12$
$\sqrt{400} = 20$	$\sqrt{169} = 13$
$\sqrt{576} = 24$	$\sqrt{225} = 15$
$\sqrt{196} = 14$	$\sqrt{49} = 7$
$\sqrt{100} = 10$	$\sqrt{900} = 30$

Write the correct place value of the number underlined.

123,456,789

Thousands

462,472,935,263,721

Hundreds

234,847,892,463,468

Ten Millions

Write the opposite numbers.

23	-23
-51	51
161	-161
-34	34
-82	82

Find the prime numbers and circle them. Cross the composite numbers.

	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Write >, or <.

$-\frac{53}{60}$	<	$\frac{15}{8}$
12.72	>	- 18.32
59.01	>	- 31.51
$-\frac{23}{45}$	<	$\frac{15}{12}$

Round to the nearest ten thousand, then add.

495,102	→	500,000
+ 204,635		+200,000
699,737		700,000

204,687	→	200,000
+ 182,410		+200,000
387,097		400,000

Find the Greatest Common Factor.

80, 320, 450

10

Find the Least Common Multiple.

450, 600, 850

30,600

Solve.

$190^1 =$	190
$24^2 =$	576
$8^7 =$	2,097,152
$25^5 =$	9,765,625
$50^3 =$	125,000
$10^6 =$	1,000,000,000

Solve.

10 x 295.386 = 2,953.86

10 x 69,239 = 692,390

10 X 186.294 = 1,862.94

100 x 503.592 = 50,359.2

100 x 205.385 = 20,538.5

1,000 x 583.602 = 583,602

Write these numbers in expanded notation.

593,495 = (5 x 100,000) + (9 x 10,000) + (3 x 1,000) + (4 x 100) + (9 x 10) + (5 x 1)

205,284 = (2 x 100,000) + (5 x 1,000) + (2 x 100) + (8 x 10) + (4 x 1)

Round to the nearest ten thousand, then add.

495,102 + 204,635 699,737	→ 500,000 +200,000 700,000

Write these numbers in expanded notation using exponents.

$495{,}290 = (4 \times 10^5) + (9 \times 10^4) + (5 \times 10^3) + (2 \times 10^2) + (9 \times 10^1)$

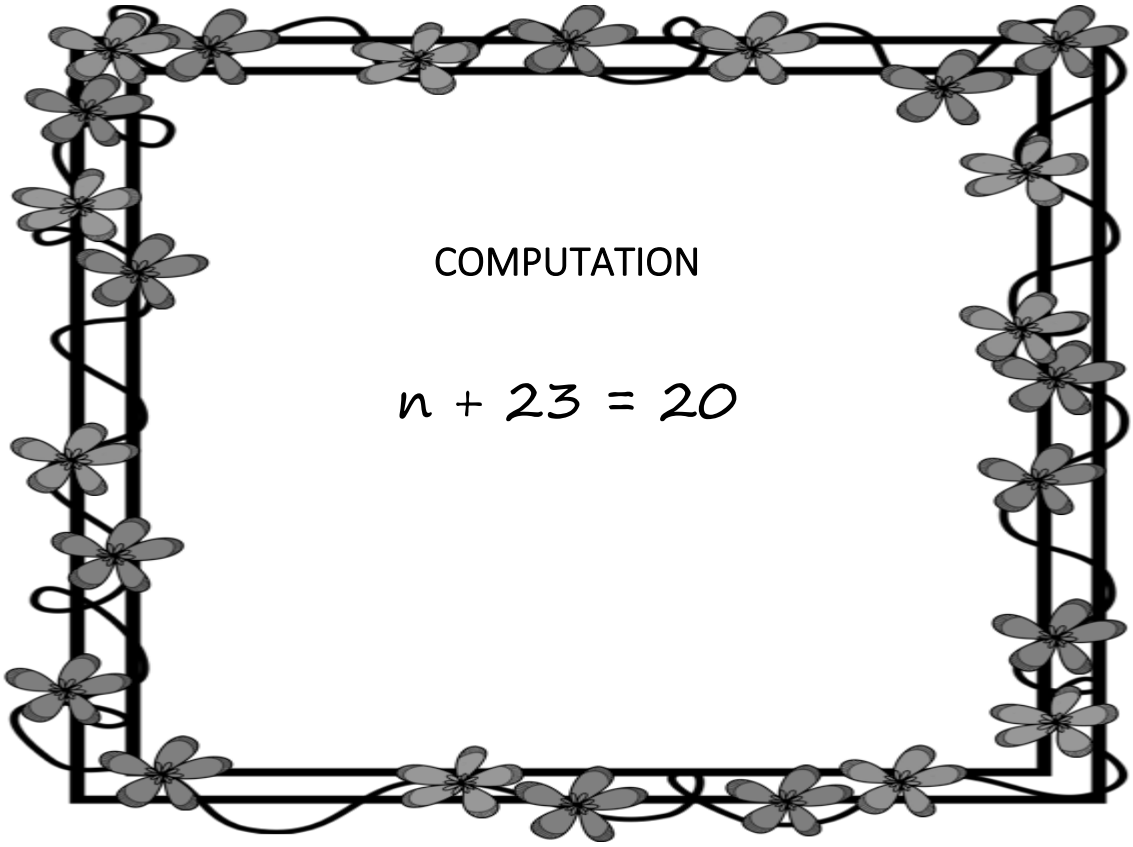
$596{,}204 = (5 \times 10^5) + (9 \times 10^4) + (6 \times 10^3) + (2 \times 10^2) + (4 \times 10^0)$

Round to the nearest ten thousand, then add.

495,102 + 204,635 699,737	→ 500,000 +200,000 700,000

Find the square root.

$\sqrt{16} = 4$	$\sqrt{64} = 8$
$\sqrt{25} = 5$	$\sqrt{9} = 3$
$\sqrt{100} = 10$	$\sqrt{49} = 7$
$\sqrt{144} = 12$	$\sqrt{36} = 6$
$\sqrt{81} = 9$	$\sqrt{4} = 2$


COMPUTATION
n + 23 = 20

Find what number the variable in the equations stand for.

$n + 45 = 109$

$n = 64$

$a - 53 = 100$

153

Find what number the variable in the equations stand for.

$n + 495 = 850$

$n = 355$

$a - 48 = 8$

$a = 56$

Find what number the variable in the equations stand for.

$n \times 11 = 44$

$n = 4$

$a \div 5 = 120$

$a = 600$

Find what number the variable in the equations stand for.

$n \times 4 = 44$

$n = 11$

$a \div 7 = 22$

$a = 154$

Find what number the variable in the equations stand for.

$n + 21 = -16$

$n = -37$

$a - 15 = -32$

$a = -17$

Find what number the variable in the equations stand for.

$n + 53 = -10$

$n = -63$

$a - 28 = -6$

$a = -34$

Find what number the variable in the equations stand for.

$n + 5^2 = 43$

n= 18

$a - 10^2 = 600$

a= 700

Find what number the variable in the equations stand for.

$n + 6^2 = 34$

n= -2

$a - 4^2 = 23$

a= 39

Find what number the variable in the equations stand for.

$n + 4^2 = 70 \times 5$

$n = 334$

$a - 3^3 = 45 \times 2$

$a = 117$

Find what number the variable in the equations stand for.

$n + 3 = 14 \div 2$

$n = 4$

$a - 5 = 450 \div 10$

$a = 50$

Find what number the variable in the equations stand for.

$n + (-5) = 50$

$n = 55$

$a - (-4) = 12$

$a = 8$

Find what number the variable in the equations stand for.

$n + (+13) = 61$

$n = 48$

$a - (+40) = 6$

$a = 46$

Find what number the variable in the equations stand for.

$$\frac{n}{6} = 60$$

n= 360

$$\frac{a}{5} = 95$$

a= 475

Add.

$$\frac{3}{3} + \frac{4}{3} = \frac{7}{3}$$

$$-\frac{5}{2} + \frac{7}{2} = \frac{2}{2}$$

$$\frac{1}{6} + \frac{8}{6} = \frac{9}{6}$$

$$-\frac{3}{4} + \frac{9}{4} = \frac{6}{4}$$

Add.

$$2\frac{8}{5} + \frac{6}{2} = 6\frac{3}{5}$$

$$-\frac{9}{4} + \frac{4}{3} = -\frac{11}{12}$$

$$-\frac{7}{5} + \frac{5}{9} = -\frac{38}{45}$$

$$8\frac{1}{6} + \frac{6}{4} = 9\frac{2}{3}$$

Solve.

$$7\frac{9}{5} - \frac{6}{5} = 7\frac{3}{5}$$

$$-\frac{8}{2} - \frac{4}{2} = -6$$

$$4\frac{7}{9} - \frac{5}{9} = 4\frac{2}{9}$$

$$-\frac{7}{4} - \frac{6}{4} = -3\frac{1}{3}$$

Solve.

$$9\frac{8}{5} - 5\frac{2}{2} = 4\frac{3}{5}$$

$$3\frac{9}{4} - 1\frac{4}{3} = 2\frac{11}{12}$$

$$-\frac{7}{5} - \frac{5}{9} = -1\frac{43}{45}$$

$$-\frac{9}{6} - \frac{6}{4} = -3$$

Solve.

$n + (+13) = 61$

$n = 58$

$a - (+40) = 6$

$a = 46$

Solve.

$4 \times (5 + 2) = 40$

$6 \times (1 + 9) = 60$

$3 \times (8 - 3) = 15$

$5 \times (10 - 7) = 15$

Multiply.

3,581

X 54

193,374

2,843

X 17

48,331

Multiply.

$$\begin{array}{r} 7{,}142 \\ \times\ 783 \\ \hline 5{,}592{,}186 \end{array}$$

$$\begin{array}{r} 9{,}045 \\ \times\ 106 \\ \hline 958{,}770 \end{array}$$

Multiply.

$$\begin{array}{r} 4{,}946 \\ \times\ 2{,}592 \\ \hline 12{,}820{,}032 \end{array}$$

$$\begin{array}{r} 2{,}592 \\ \times\ 8{,}462 \\ \hline 21{,}933{,}504 \end{array}$$

Multiply.

$$\begin{array}{r} 2{,}853 \\ \times\ 7{,}327 \\ \hline 20{,}903{,}931 \end{array}$$

$$\begin{array}{r} 3{,}743 \\ \times\ 4{,}894 \\ \hline 18{,}318{,}242 \end{array}$$

Solve.

$$7\overline{)7{,}679} = 1{,}097$$

$$4\overline{)3{,}964} = 991$$

$$3\overline{)6{,}275} = 2{,}091$$

$$5\overline{)1{,}529} = 305$$

Solve.

$$2\overline{)4{,}753} = 2{,}376$$

$$6\overline{)9{,}246} = 1{,}541$$

$$9\overline{)5{,}742} = 638$$

$$8\overline{)7{,}352} = 919$$

Solve.

$$10\overline{)6{,}942} = 694$$

$$45\overline{)5{,}743} = 127$$

$$13\overline{)7{,}472} = 574$$

$$55\overline{)5{,}572} = 101$$

Solve.

$$63\overline{)917{,}679} = 14{,}566$$

$$42\overline{)483{,}964} = 11{,}522$$

$$83\overline{)609{,}275} = 7{,}340$$

$$53\overline{)100{,}529} = 1{,}896$$

Solve.

$$\begin{array}{r} 2{,}671 \\ 275\overline{)\,734{,}652} \end{array} \qquad \begin{array}{r} 624 \\ 845\overline{)\,528{,}053} \end{array}$$

$$\begin{array}{r} 1{,}501 \\ 285\overline{)\,427{,}824} \end{array} \qquad \begin{array}{r} 664 \\ 945\overline{)\,628{,}042} \end{array}$$

Solve.

$-4 \times -2 = 8$

$-6 \times 9 = -54$

$8 \div -2 = -4$

$-50 \div -10 = 5$

Solve.

$$\frac{2}{6} \times \frac{8}{2} = \frac{16}{12}$$

$$\frac{7}{4} \times \frac{3}{9} = \frac{21}{36}$$

$$\frac{1}{6} \times \frac{8}{3} = \frac{8}{18}$$

$$\frac{3}{4} \times \frac{9}{7} = \frac{27}{28}$$

Solve.

$$-\frac{1}{3} \times \frac{6}{2} = -\frac{6}{6}$$

$$-\frac{9}{4} \times \frac{4}{6} = -\frac{36}{24}$$

$$-\frac{5}{2} \times \frac{5}{9} = -\frac{25}{18}$$

$$-\frac{1}{6} \times \frac{7}{5} = -\frac{7}{30}$$

Solve.

$$\frac{9}{5} \div \frac{6}{4} = \frac{36}{30}$$

$$\frac{8}{2} \div \frac{3}{6} = \frac{48}{6}$$

$$\frac{9}{7} \div \frac{9}{7} = \frac{63}{63}$$

$$\frac{7}{5} \div \frac{1}{4} = \frac{28}{5}$$

Solve.

$$-\frac{8}{5} \div \frac{2}{2} = -\frac{16}{10}$$

$$-\frac{9}{4} \div \frac{4}{3} = -\frac{27}{16}$$

$$-\frac{7}{5} \div \frac{5}{9} = -\frac{63}{25}$$

$$-\frac{9}{6} \div \frac{6}{4} = -\frac{36}{36}$$

Multiply.

$$\begin{array}{r} 45.83 \\ \times \quad 7.7 \\ \hline 352.891 \end{array}$$

$$\begin{array}{r} 11.43 \\ \times \ 6.844 \\ \hline 78.22692 \end{array}$$

Solve.

$$2\overline{)53.8} = 26.9$$

$$4\overline{)6.96} = 1.74$$

$$3\overline{)62.75} = 20.91$$

$$5\overline{)15.29} = 3.05$$

Estimate and solve.

$$\begin{array}{r} 25 \\ 231\overline{)\ 5831} \end{array} \quad \rightarrow \quad \begin{array}{r} 30 \\ 200\overline{)\ 6000} \end{array}$$

$$\begin{array}{r} 8 \\ 582\overline{)\ 5028} \end{array} \quad \rightarrow \quad \begin{array}{r} 8 \\ 600\overline{)\ 5000} \end{array}$$

Estimate and solve.

$$375\overline{)9472} \quad \rightarrow \quad 400\overline{)9000}$$

25 22

$$772\overline{)1459} \quad \rightarrow \quad 800\overline{)1000}$$

1 1

Estimate.

$2\frac{5}{7} \times 6\frac{4}{9}$ ➡ 3 x 6 = 18

$6\frac{7}{12} \times 8\frac{5}{19}$ ➡ 7 x 8 = 56

$8\frac{1}{3} \div 1\frac{15}{21}$ ➡ 8 ÷ 2 = 4

$7\frac{14}{15} \div 3\frac{8}{17}$ ➡ 8 ÷ 4 = 2

RATIO, PROPORTION, AND PERCENT

Solve these equations.

$\frac{n}{4} = \frac{3}{8}$	$n \times 8 = 4 \times 3$ $8n = 12$ $\frac{8}{8} n = \frac{12}{8}$ $n = 1.5$
$\frac{n}{8} = \frac{5}{24}$	$n = 1.66$
$\frac{n}{21} = \frac{7}{3}$	$n = 49$
$\frac{n}{30} = \frac{9}{6}$	$n = 45$

Write the fractions as a percent.

$\frac{1}{2}$	50%
$\frac{1}{5}$	20%
$\frac{1}{4}$	25%
$\frac{1}{10}$	10%

Write the percent as fraction.

8%	$\frac{8}{100}$
25%	$\frac{25}{100}$
10%	$\frac{10}{100}$
50%	$\frac{50}{100}$
68%	$\frac{68}{100}$

Write the percent as decimals.

45%	$\frac{45}{100} = 0.45$
31%	0.31
92%	0.92
59%	0.59
67%	0.67
53%	0.53

MEASUREMENT

Kilo-	Hecto-	Deka-	Basic unit	Deci-	Centi-	Milli-
thousand	hundred	ten	one	tenth	hundredth	thousandth
1,000	100	10	1	0.1	0.01	0.001

kilometer	hectometer	dekameter	meter	decimeter	centimeter	millimeter
km	hm	dam	m	dm	cm	mm
thousand	hundred	ten	one	tenth	hundredth	thousandth
1,000 m	100 m	10 m	1 m	0.1 m	0.01 m	0.001 m

Convert.

10 km = ___10,000____m

5 hm = __500_____m

7 dam = __70_____m

Convert.

25 dm = 0.25 m

31 cm = 0.31 m

50 mm = 0.05 m

Convert.

1 km = __100,000__cm

7 cm = __70_____mm

4 m = __400_____cm

Convert.

2 m = __200_____cm

10 mm = __1_____cm

50 km = __50,000_____m

Fill in the blanks.

1 ft =	12 in
1 yrd =	3 ft
1 mi =	5,280 ft
1 mi =	1,760 yrd
1 lb =	16 oz
1 ton =	2,000 lb
1 gal =	128 oz
1 qt =	2 pt
1 gal =	8 pt
1 gal =	4 qt

Convert.

5 ft = 48 in

10 yrd = 30 ft

10 mi = 52,800 ft

Convert.

25 yrd = 900 in

31 mi = 163,680 ft

50 mi = 88,000 yrd

Convert.

430 yrd = __15,480_____in

780 mi = __4,118,400____ft

741 mi = __1,304,160___yrd

Convert.

10 lbs = 160 oz

76 lbs = 1,216 oz

50 ton = 100,000 lbs

Convert.

129 lbs = __2,064_____oz

1,340 lbs = _21,440____oz

100 ton = __200,000____lbs

Convert.

10 lbs = __160_____oz

76 lbs = __1,216_____oz

50 ton = __100,000____lbs

Convert.

10 gal = __1,280_____oz

75 qt = _150_____pt

50 gal = __200_____qt

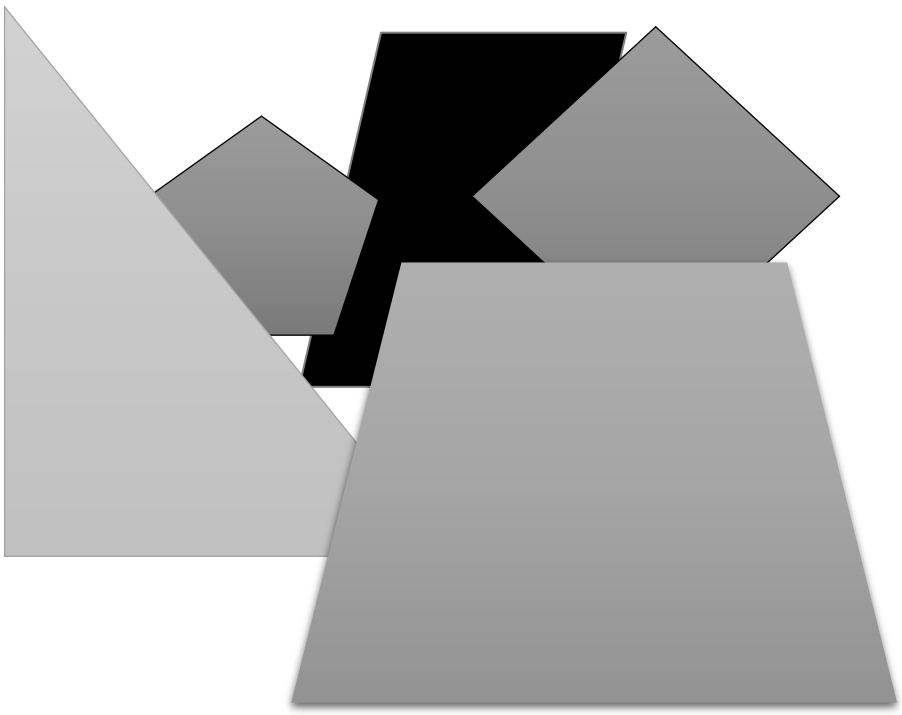
Convert.

145 gal = 1,160 pt

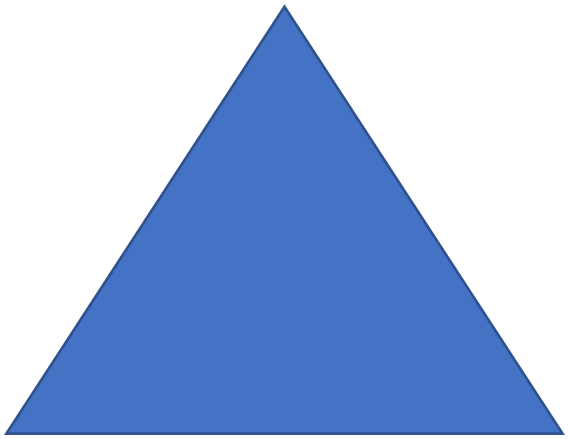
58 qt = 116 pt

523 gal = 2,092 qt

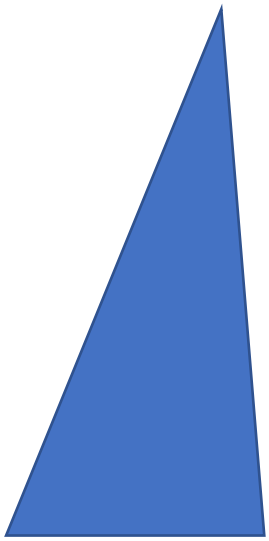
GEOMETRY



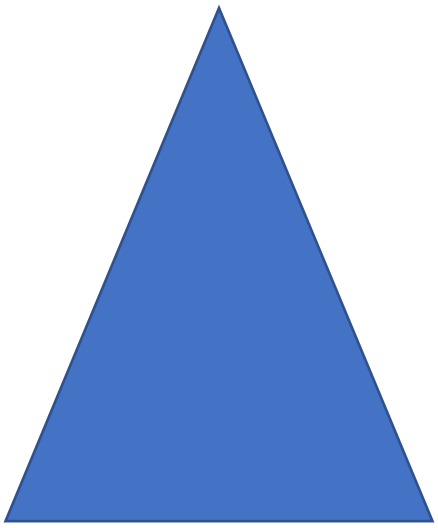
Using a ruler and a compass draw an equilateral triangle.



Using a ruler and a compass draw a scalene triangle.

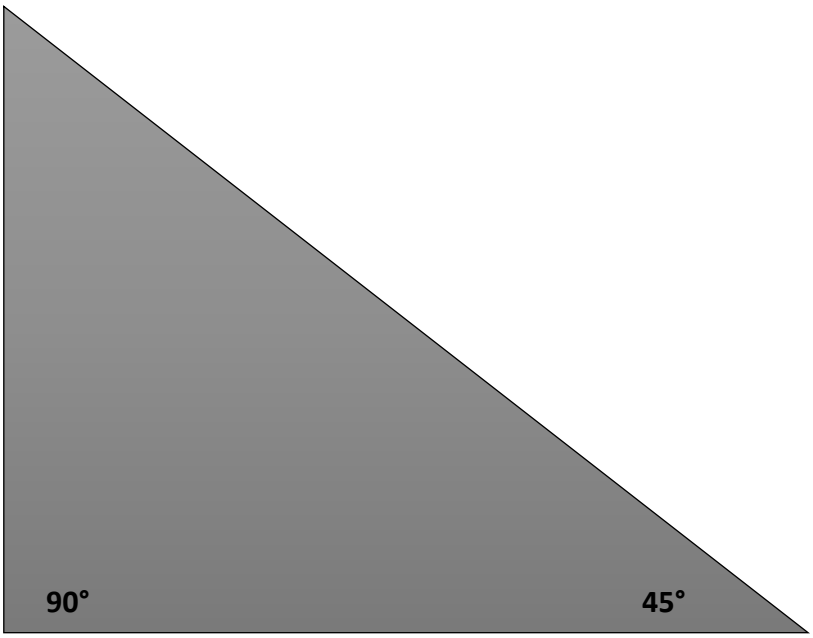


Using a ruler and a compass draw an isosceles triangle.



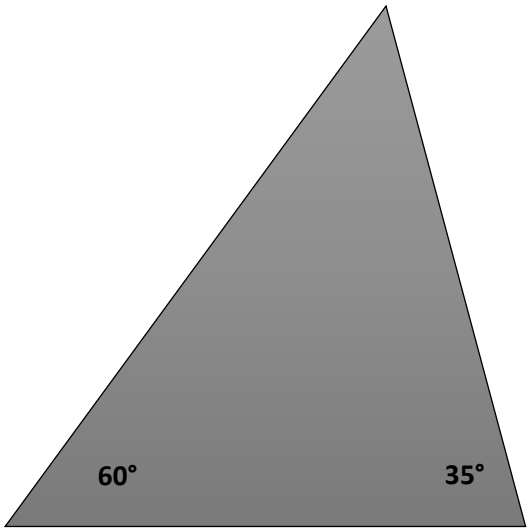
Find the measure of the missing angle.

$a = 45°$



Find the measure of the missing angle.

$a = 85°$



$$a = l \times w$$

What is the area of a rectangle with sides 8 feet and 10 feet?

$$a = 80\ ft^2$$

What is the area of a square with sides 5 feet?

$$a = 25\ pies^2$$

What is the area of a rectangle with sides 4 feet and 6 feet?

$$a = 24\ pies^2$$

Area of a Triangle
a = (b X h) ÷ 2

Draw a triangle with sides of 10 cm, 5 cm, and 8 cm. What is its area?

$a = 19.81\ cm^2$

Draw a triangle with sides of 3 in, 5 in, and 6 in. What is its area?

$$a = 7.48\ in^2$$

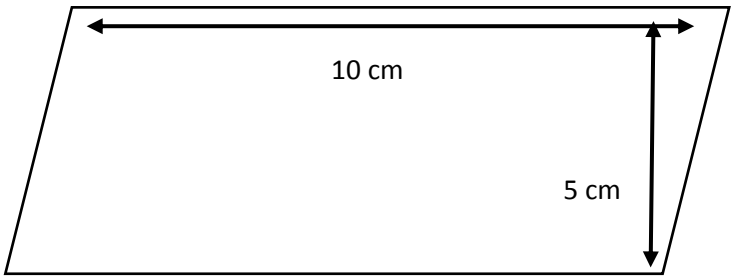
Draw a triangle with sides of 15 cm, 13 cm, and 17 cm. What is its area?

$a = 93.9\ cm^2$

Area of a Parallelogram
a = b X h

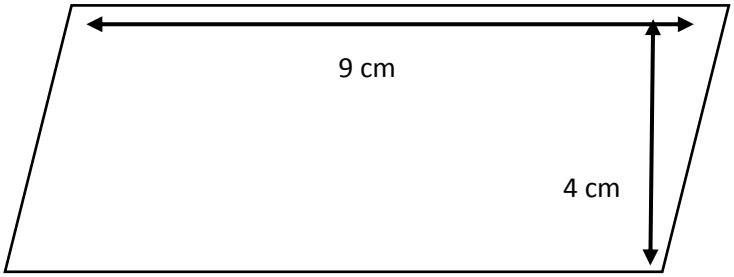
What is the area of this parallelogram?

$a = 50\ cm^2$



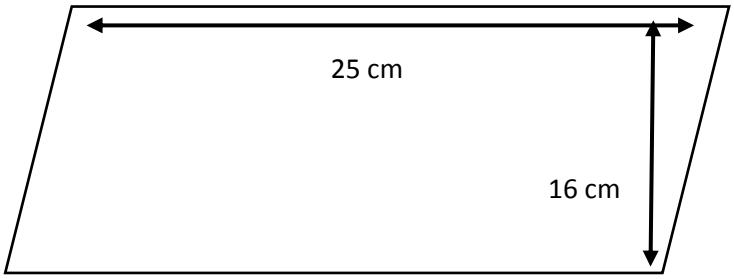
What is the area of this parallelogram?

$a = 36\ cm^2$



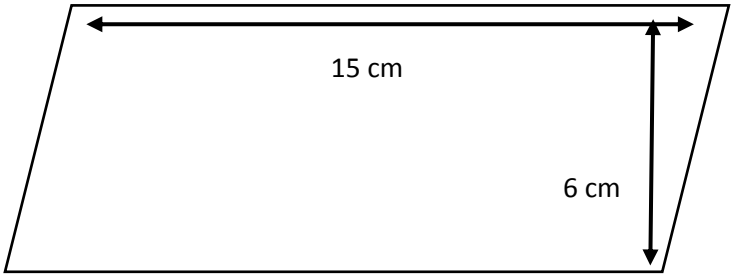
What is the area of parallelogram?

$a = 400\ cm^2$



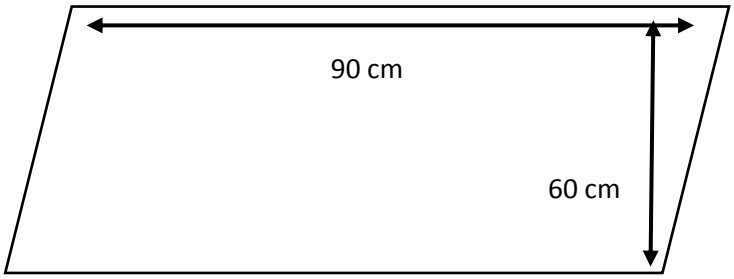
What is the area of this parallelogram?

$a = 90\ cm^2$



What is the area of parallelogram?

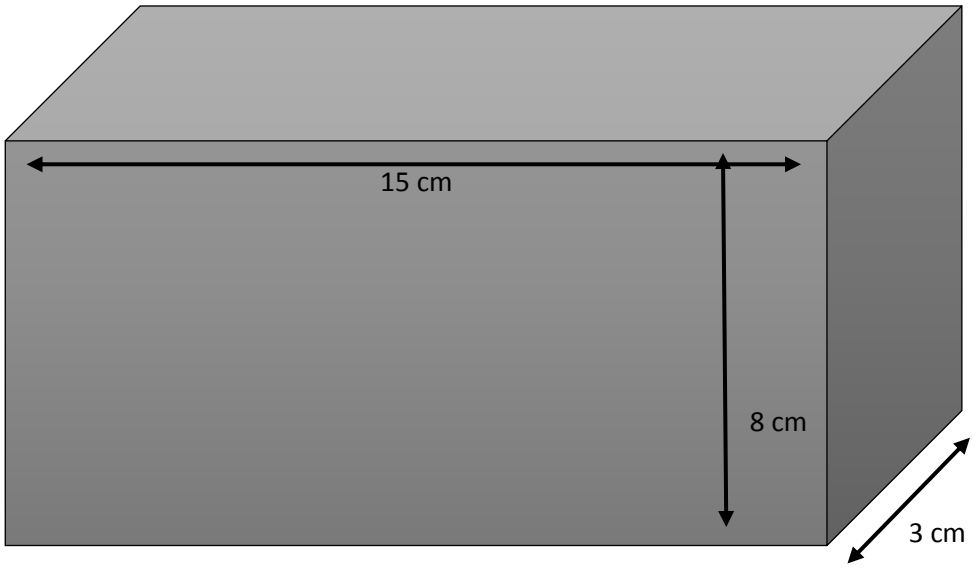
$a = 5400\ cm^2$



Volume of a Rectangular Prism
V = l X w X h

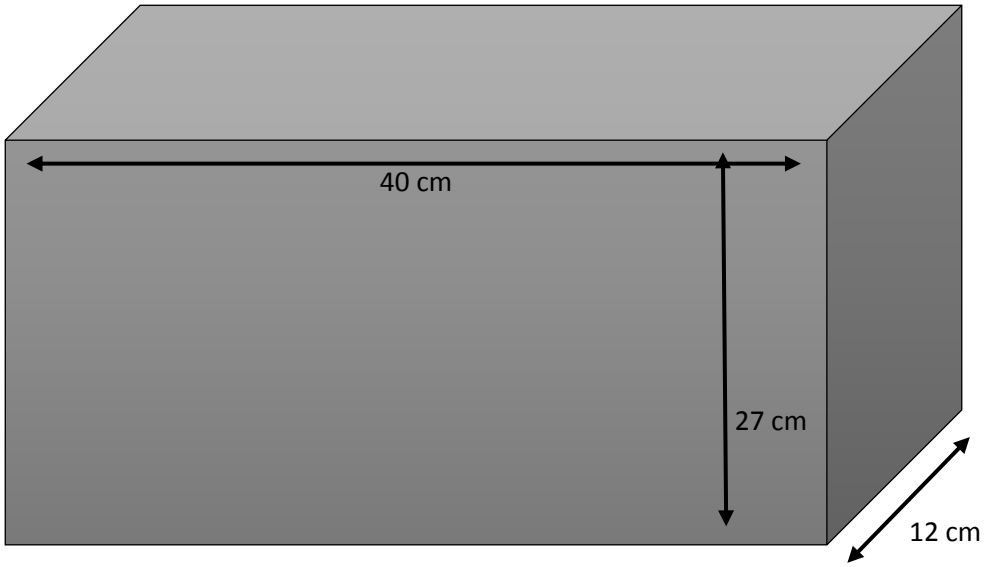
What is the volume of this Rectangular Prism?

$V = 360\ cm^3$



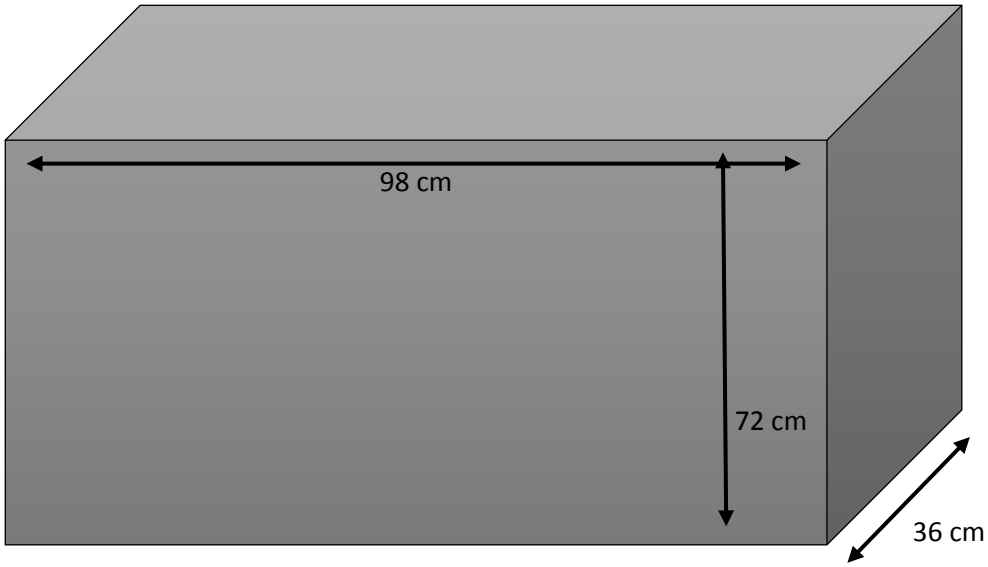
What is the volume of this Rectangular Prism?

$V = 12{,}960\ cm^3$



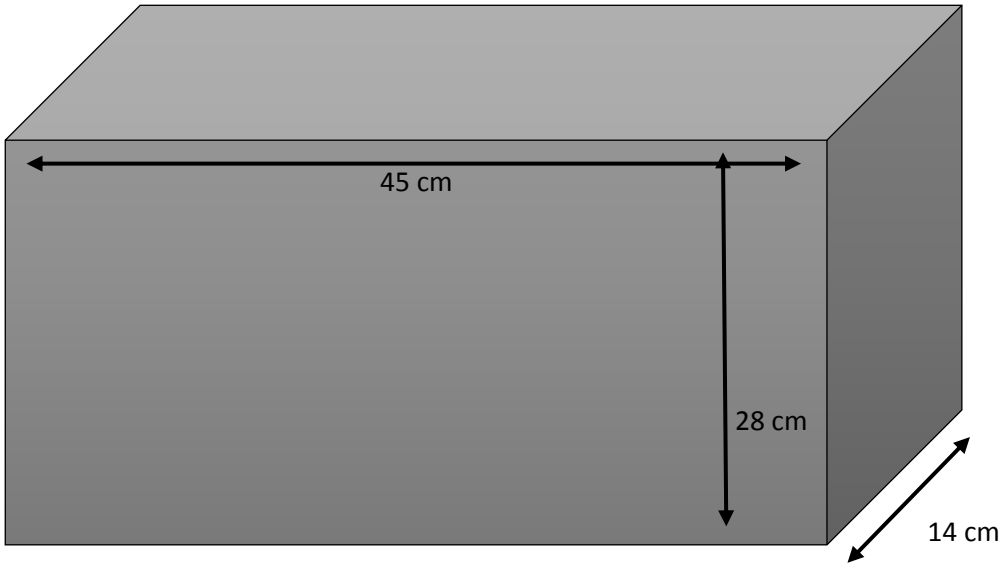
What is the volume of this Rectangular Prism?

$V = 254{,}016\ cm^3$



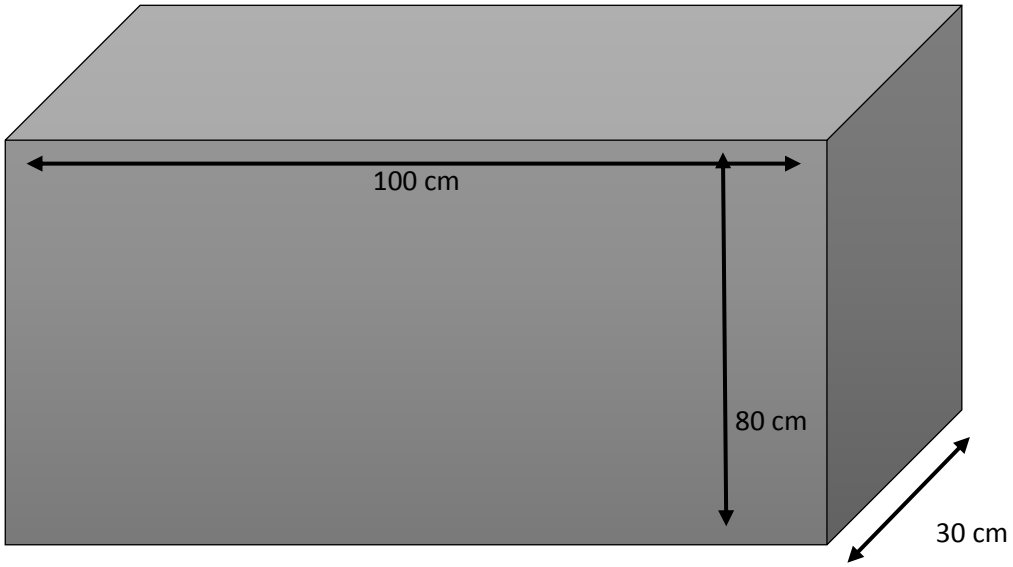
What is the volume of this Rectangular Prism?

$V = 17{,}640\ cm^3$



What is the volume of this Rectangular Prism?

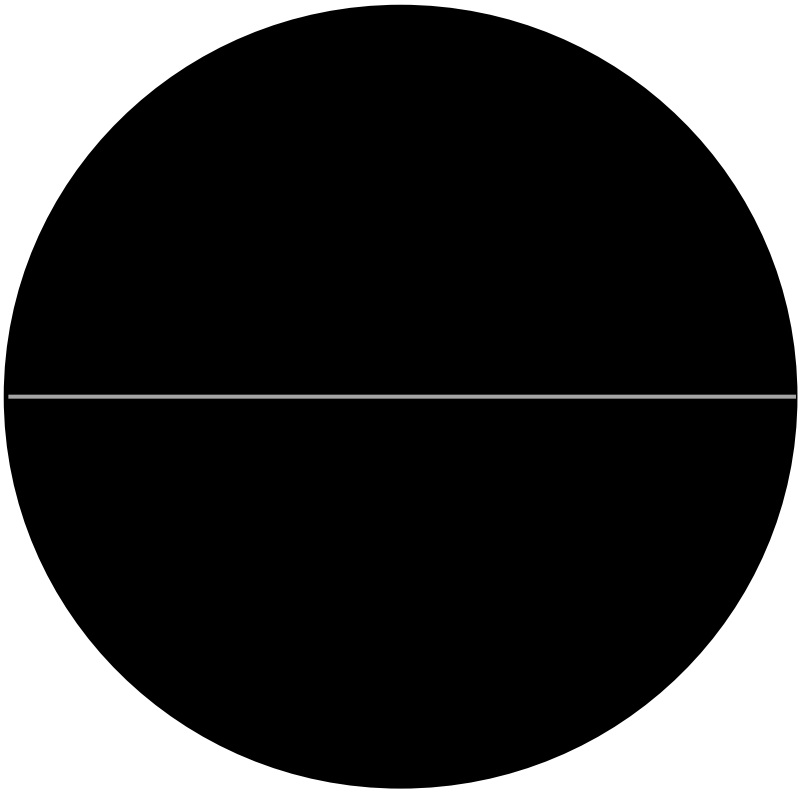
$V = 240{,}000\ cm^3$



What is the circumference of this circle?

Circumference of a circle = π x diameter C = π x d	π = 3.14

c = 31.4 cm



Draw a circle with a 3 in diameter. What is its circumference?

$C = 9.42$ in

Draw a circle with a 2 in diameter. What is its circumference?

$C = 6.28$ in

Draw a circle with a 6 in diameter. What is its circumference?

$C = 18.84$ in

Area of a circle = π x radius^2 $C = \pi r^2$	π = 3.14

Find the area of a circle with a diameter of 5 cm.

$a = 19.63\ cm^2$

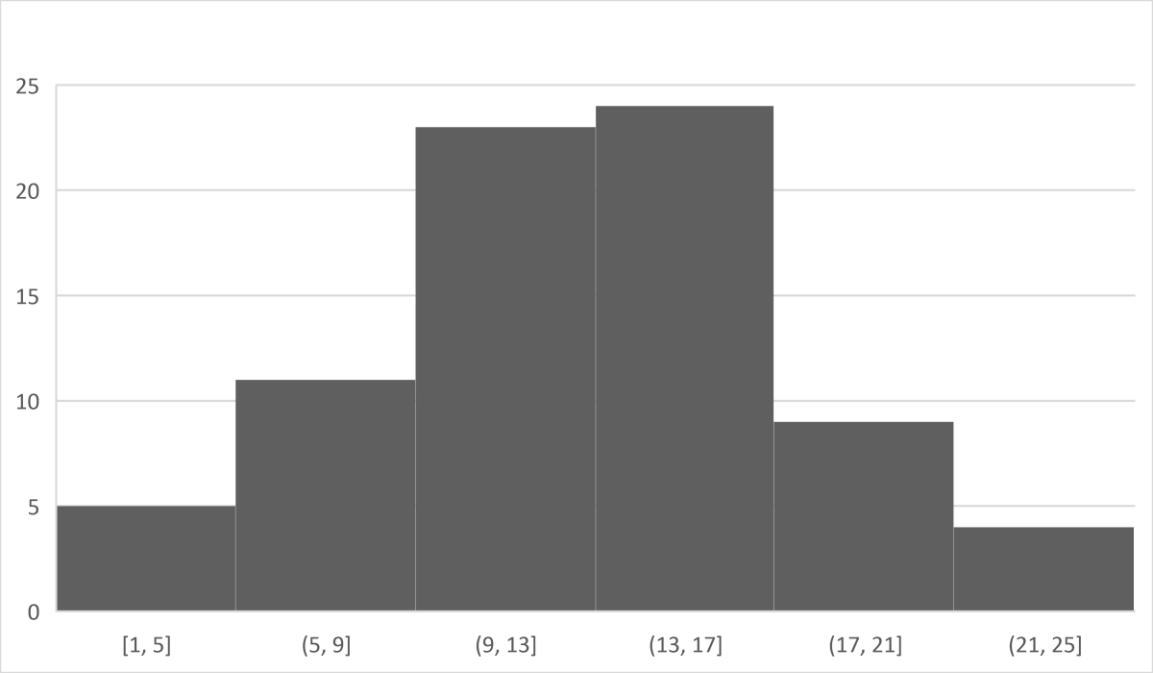
Find the area of a circle with a diameter of 12 cm.

$a = 113.09\ cm^2$

Find the area of a circle with a diameter of 10 in.

$a = 78.53\ in^2$

AVERAGE AND GRAPHS



Use Excel to make a table and a bar graph. Print your work and paste it on these two pages.

Use Excel to make a table and a line graph. Print your work and paste it on these two pages.

Use Excel to make a table and a circle graph. Print your work and paste it on these two pages.

Find the mean, median, mode and range.

51, 65, 48, 58, 70, 53, 62, 69	
Mean	59.5
Median	60
Mode	--
Range	22

PRE-ALGEBRA

$$\mathbf{x}_{\mathbf{y}^2}$$

Find what number the variable in the equations stand for.

$n^2 + (3n \times 2) = 10$

$n = 0.166$

$a - (5a + 11) = 51$

$a = -15.5$

Find what number the variable in the equations stand for.

$n + (5 \times 2n) = 80$

$n = 7.27$

$a - (4 \times 7a^2) = 22$

$a = \frac{1+\sqrt{2463}}{56}, \frac{1-\sqrt{2463}}{56}$

Find what number the variable in the equations stand for.

$$\frac{n}{6} \times (12n - 3) = 60$$

n = 5.6

$$\frac{a}{5} - (a \times 5) = 75$$

a = 15.62