1. Find the quotient.

$4\overline{)\$24.08}$ $2\overline{)\$2.38}$ $3\overline{)\$23.67}$ $11\overline{)\$26.07}$ $15\overline{)\$77.70}$

2. Estimate by rounding two-digit numbers to the 10's and three-digit numbers to the 100's.

$8\overline{)678}$ $14\overline{)896}$ $87\overline{)913}$ $28\overline{)609}$ $18\overline{)792}$

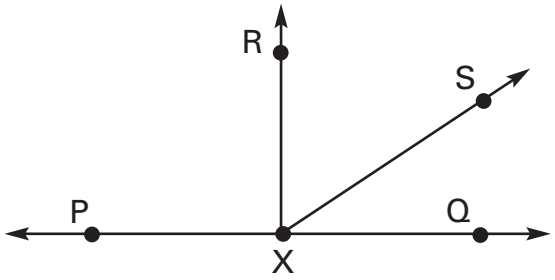
3. Draw a picture to solve the problem.

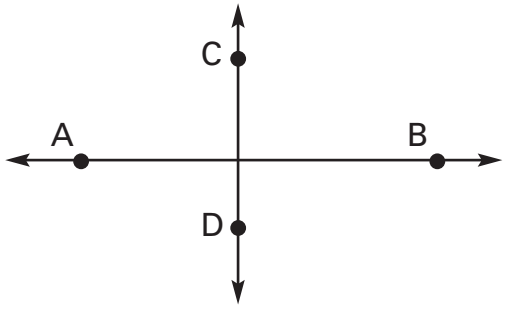
Four girls were in line for the movies. Dottie was behind Elaine. Karen was last. Tami was ahead of Elaine. Who was first in line?

4. Match. Place the appropriate letter next to the definition.

____ 1.	1665	a.	12:00 midnight to 12:00 noon.
____ 2.	BC	b.	Anno Domini–in the year of our Lord
____ 3.	AD	c.	1 hour
____ 4.	decade	d.	1 minute
____ 5.	century	e.	eight-sided figure
____ 6.	millennium	f.	3-sided figure
____ 7.	60 minutes	g.	1,000 years
____ 8.	24 hours	h.	10 years
____ 9.	60 seconds	i.	Before Christ
____10.	AM	j.	17th century
____11.	pentagon	k.	five-sided figure
____12.	hexagon	l.	1 day
____13.	octagon	m.	100 years
____14.	triangle	n.	four-sided figure
____15.	quadrilateral	o.	six-sided figure

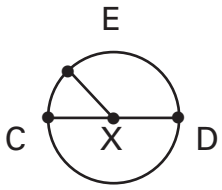
5.





1. Name two angles that are acute. _____
2. Name two angles that are right angles. _____
3. Name two lines that are parallel. _____
4. Name two lines that are perpendicular. _____

6.



1. Name the circle. _____
2. The diameter is 4 cm. What is the length of $\overline{XD}$? _____
3. What is the length of $\overline{CX}$? _____
4. Name the diameter. _____
5. Circle M is twice as big as the circle pictured above. What is the diameter of Circle M? ____

7. **Draw a similar and congruent figure. Draw the lines of symmetry.**

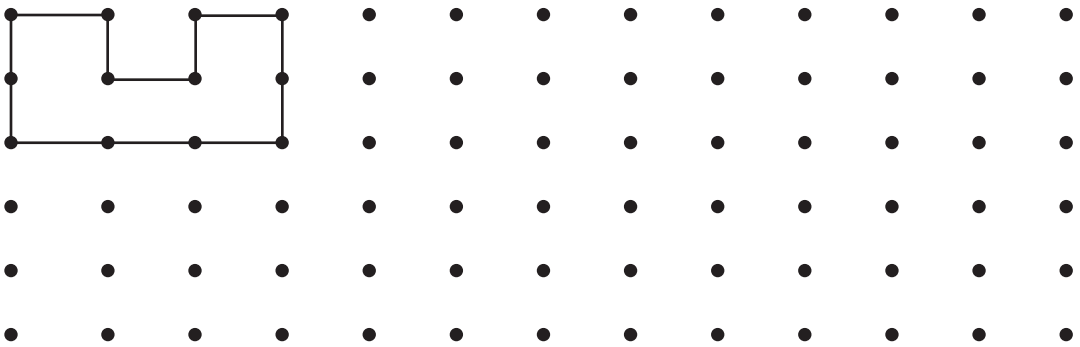
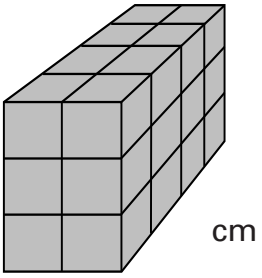


Figure A

Figure B



8. **Find the perimeter and area of figure A. Find the volume of figure B.**

9. **Give the missing numerator or denominator.**

Find the equal ratios by multiplying.

$\frac{3}{9} = \frac{9}{n}$ $\frac{2}{3} = \frac{28}{n}$ $\frac{6}{8} = \frac{n}{64}$ $\frac{1}{9} = \frac{9}{n}$

10. **Find the sum or difference. Make sure the answer is in lowest terms.**

$\frac{2}{3} + \frac{1}{3} =$ _____ $\frac{8}{10} - \frac{4}{10} =$ _____ $\frac{9}{12} - \frac{3}{12} =$ _____

$\frac{5}{7} + \frac{1}{7} =$ _____ $\frac{7}{14} + \frac{6}{14} =$ _____ $\frac{7}{9} + \frac{6}{9} =$ _____

11. **Find the sum. Make sure the answer is in lowest terms.**

$\frac{1}{4} + \frac{2}{8} =$ _____ $\frac{5}{15} + \frac{1}{3} =$ _____ $\frac{6}{10} + \frac{1}{5} =$ _____

$\frac{2}{12} + \frac{2}{4} =$ _____ $\frac{2}{3} + \frac{1}{12} =$ _____ $\frac{2}{5} + \frac{1}{3} =$ _____

12. **Find the sum or difference. Reduce to lowest terms.**

$5\frac{2}{6}$	$12\frac{3}{7}$	$9\frac{5}{6}$	$38\frac{7}{12}$	$16\frac{5}{9}$
$+ 3\frac{1}{6}$	$+ 16\frac{2}{7}$	$- 9\frac{2}{6}$	$- 28\frac{3}{12}$	$- \frac{5}{9}$

13. **< , > , or =.**

4.9 ◯ 4.1 1.9 ◯ 1.90 9.03 ◯ 9.33 0.06 ◯ 0.060

14. **Find the sum or difference.**

48.902	465.001	30.956	7. 76
+ 4.342	+ 233.021	− 29.824	− 0. 94

15. **Complete.**

Kilo	Hecto	Deka	Basic Unit (Meter, Liter or Gram)	deci	centi	milli

890 mm = _____ cm 78.89 m = _____ cm

587 mm = _____ m 8.54 Km = _____ dm

656 m = _____ mm 7.001 m = _____ cm

GRADE 5 Horizons Math Readiness Evaluation **Student Score_____**

Count each individual answer as a separate point. The total for the test is 81 points. The student should achieve a score of 57 or more points to be ready to begin fifth grade. Be sure to note the areas of weakness even for those who score over 57 points.

1. \$6.02; \$1.19; \$7.89; \$2.37; \$5.18

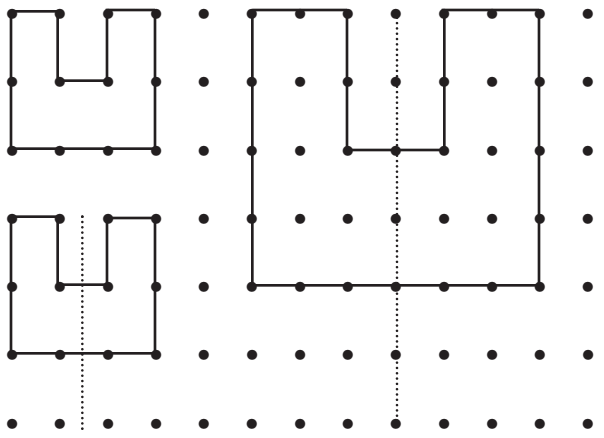
2. 70; 90; 10; 20; 40

3. Tami

4. 1. j
   2. i
   3. b
   4. h
   5. m
   6. g
   7. c
   8. l
   9. d
   10. a
   11. k
   12. o
   13. e
   14. f
   15. n

5. 1. ∠RXS, ∠ SXQ
   2. ∠ RXQ, ∠ RXP
   3. PQ and AB
   4. AB and CD or PQ and RX

6. 1. Circle X
   2. 2 cm
   3. 2 cm
   4. CD
   5. 8 cm

7. 

8. Figure A – perimeter 60 in; area 200 in^2
   Figure B – 24 cm^3

9. 27; 42; 48; 81

10. $\frac{3}{3} = 1$; $\frac{4}{10} = \frac{2}{5}$; $\frac{6}{12} = \frac{1}{2}$
    $\frac{6}{7}$; $\frac{13}{14}$; $\frac{13}{9} = 1\frac{4}{9}$

11. $\frac{4}{8} = \frac{1}{2}$; $\frac{10}{15} = \frac{2}{3}$; $\frac{8}{10} = \frac{4}{5}$
    $\frac{8}{12} = \frac{2}{3}$; $\frac{9}{12} = \frac{3}{4}$; $\frac{11}{15}$

12. 8 3/6 = 8 1/2; 28 5/7; 3/6 = 1/2;
    10 4/12 = 10 1/3; 16

13. > = < =

14. 53.244; 698.022; 1.132; 6.82

15 89.0; 7,889
    0.587; 85,400
    656,000; 700.1