Grade 4

End of Year Math in Focus Review Packet

Fill in the blanks. *(Lesson 1.2)*

1. 100 more than 26,542 is _____.

2. _____ is 100 less than 79,023.

Circle the number that is greater. *(Lesson 1.2)*

3. 12,630   or   6,238

4. 45,200   or   45,496

5. 62,529   or   69,522

6. 90,236   or   87,415

Circle the number that is less. *(Lesson 1.2)*

7. 6,563   or   48,200

8. 67,186   or   67,254

9. 74,258   or   71,852

10. 96,125   or   69,521

Write the set of numbers in order from least to greatest. *(Lesson 1.2)*

11.   8,654   56,207   68,543   56,719

_____   _____   _____   _____

Continue or complete each number pattern. *(Lesson 1.2)*

12.   11,500   11,000   10,500   _____   _____

13.   63,800   64,100   64,400   _____   _____

14.   27,852   29,853   _____   33,855   35,856

Find each product. Then use rounding to check that your answers are reasonable. *(Lesson 2.1)*

15. 383 × 2

16. 241 × 4

Find each quotient. Then use related multiplication facts to check that your answers are reasonable. *(Lesson 2.1)*

17. 92 ÷ 4

18. 78 ÷ 3

Find the factors of each number. (Lesson 2.2)

19. 36 _____

20. 40 _____

21. 96 _____

Find the common factors of each pair of numbers. (Lesson 2.2)

22. 36 and 40

_____

23. 40 and 96

_____

Find the greatest common factor of each pair of numbers. (Lesson 2.2)

24. 30 and 16

_____

25. 48 and 18

_____

Find the first two common multiples of each pair of numbers. (Lesson 2.3)

26. 4 and 6

_____

27. 6 and 9

_____

Find the least common multiple of each pair of numbers. (Lesson 2.3)

28. 8 and 12

_____

29. 27 and 36

_____

Solve. Show your work.

30. Make a 5-digit number using these clues.
    The digit in the thousands place is 5.
    The value of the digit in the ten thousands place is 20,000.
    The digit in the tens place is 8.
    One of the digits is a 0 and it is next to the digit 8.
    The digit in the ones place is 2 less than the digit in the tens place.

    The number is ☐☐,☐☐☐.

31. Find a 2-digit number less than 50 using these clues.
    It can be divided by 4 exactly.
    When 4 is added to it, it can be divided by 5 exactly.

    The number is _____.

32. Finch divides 12 peaches and 18 nectarines into the same number of
    equal groups. How many possible groups of each fruit can he make?
    How many are in each group?

Solve. Show your work.

33. Mr. Suarez has $2,760 to buy family meals for the local food pantry.

    a. What is the greatest number of family meals he can buy if each meal
       costs $9?

    b. How much money would he have left after buying the meals?

34.

A grocer bought two bags of dried fruit. One bag contained
4,950 ounces of fruit and the other bag contained 2,730 ounces
of fruit. He repacked the fruit equally into 8 smaller packets.
What was the weight of the fruit in each packet?

35.

A farmer packed 37 pumpkins. Each pumpkin had a weight of about 48 ounces.
He put them into three baskets.

- The weight of the pumpkins in Basket A was 3 times that of the pumpkins in
  Basket C.
- The weight of the pumpkins in Basket B was twice that of the pumpkins in
  Basket C.
- The weight of the empty Basket C was 140 ounces.

What was the total weight of Basket C and the pumpkins in it?

36.

The tank at a gas station contained 400 gallons of gas. A tanker
truck that contained 8,100 gallons of gas filled the station's tank.
After that the tanker truck had 4 times as much gas as
the station's tank. How much gas did the tanker truck put
into the station's tank?

Multiply. *(Lessons 3.1 and 3.2)*

37. $27 \times 8 = $ _____

38. $7,365 \times 9 = $ _____

39. $94 \times 67 = $ _____

40. $827 \times 61 = $ _____

41. $625 \times 29 = $ _____

42. $944 \times 38 = $ _____

Divide. *(Lessons 3.3 and 3.4)*

43. $216 \div 3 = $ _____

44. $432 \div 8 = $ _____

45. $5{,}520 \div 6 = $ _____

46. $2{,}828 \div 7 = $ _____

47. $5{,}398 \div 5 = $ _____

48. $7{,}436 \div 7 = $ _____

Add or subtract. Write each answer in simplest form. *(Lessons 6.1 and 6.2)*

49. $\dfrac{3}{4} + \dfrac{1}{12} + \dfrac{1}{6} =$

50. $\dfrac{9}{10} - \dfrac{1}{5} - \dfrac{1}{2} =$

Write the amount of water in each set of 1-liter containers as a mixed number. *(Lesson 6.3)*

51.

$\boxed{}$ L

52.

$\boxed{}$ L
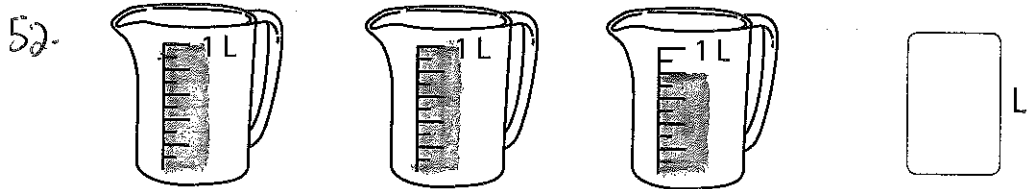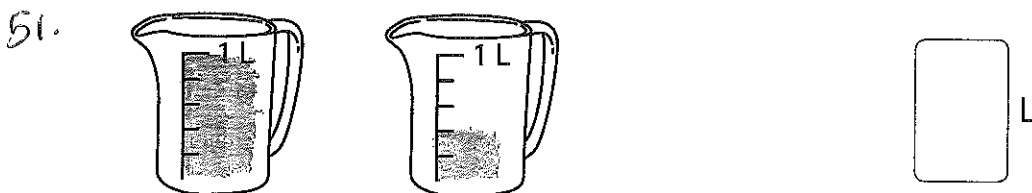
Express the shaded part of each figure as a mixed number or an improper fraction. *(Lessons 6.4 and 6.5)*

53.

$2\dfrac{3}{4}$ or $\boxed{}$

54.
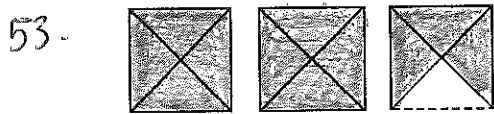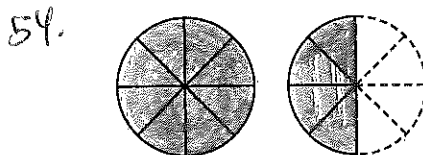
$\boxed{}$ or $\dfrac{12}{8}$

Express each mixed number as an improper fraction. *(Lesson 6.5)*

55.

$$3\frac{2}{5} = \boxed{}$$

56.

$$2\frac{8}{9} = \boxed{}$$

Express each improper fraction as a mixed number. *(Lesson 6.5)*

57.

$$\frac{9}{7} = \boxed{}$$

58.

$$\frac{20}{9} = \boxed{}$$

Add or subtract. *(Lesson 6.6)*

59.

$$2 + \frac{2}{5} + \frac{1}{10} = \boxed{}$$

60.

$$3 - \frac{3}{4} - \frac{5}{8} = \boxed{}$$

Check (✔) each set in which $\frac{2}{5}$ of the figures are shaded. *(Lesson 6.7)*

61.
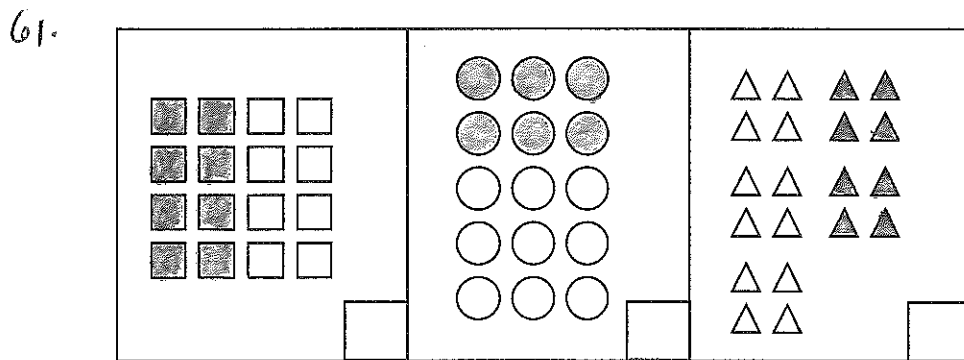
Solve. *(Lesson 6.7)*

62. $\frac{2}{3}$ of 15 = _____

63. $\frac{3}{5}$ of 40 = _____

A string is 1 foot long. Blake cuts off 3 inches of the string.
What fraction of the string is left?

64.

Pedro scored $\frac{1}{4}$ of all the goals scored during a soccer game.
He scored 2 goals. How many goals were not scored by Pedro?

65.

Name the given angles in another way. (Lesson 9.1)

66.

∠p : _____

∠ABC : _____

68.

67.

∠r : _____

∠ADC : _____

69.
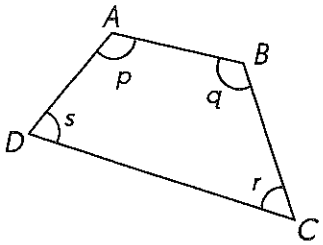
Estimate and decide which of the above angle measures are (Lesson 9.1)

70. acute angles.

_____

_____

71. obtuse angles.

_____

_____

Estimate each angle measure. Then measure each angle to check your answer. (Lesson 9.1)

73.

72.
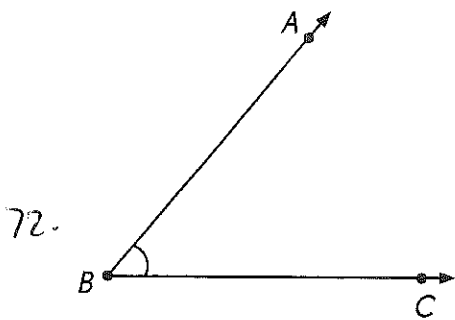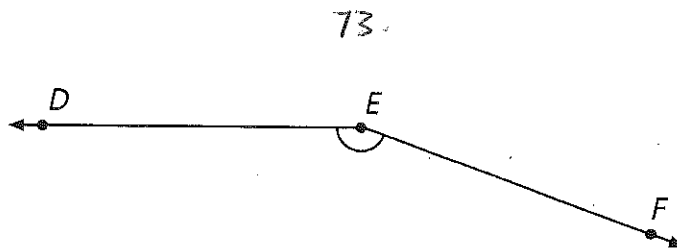
Measure of ∠ABC = _____

Measure of ∠DEF = _____

Estimate each angle measure. Then measure each angle to check your answer. *(Lesson 9.1)*

g

h
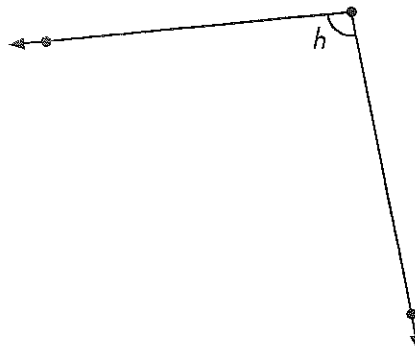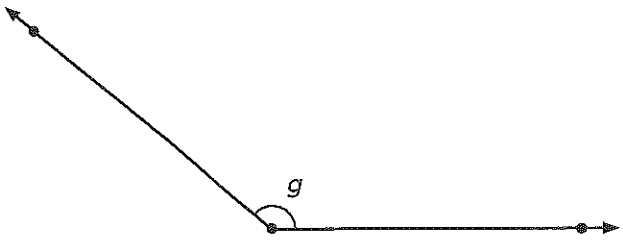
74. Measure of ∠g _____   **75.** Measure of ∠h _____

Name and measure each marked angle in the figure. *(Lesson 9.2)*

76.

A
B
C
E
D
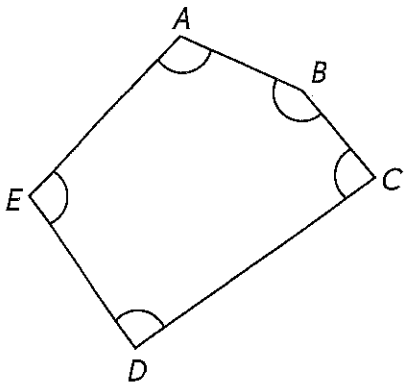
┌─── Example ───────────────┐
│   Measure of _____ │
└───────────────────────────┘

Measure of _____

Measure of _____

Measure of _____

Measure of _____

Using point A as the vertex, draw ∠CAB described. *(Lesson 9.2)*

77. 75°, with $\overrightarrow{AC}$ above $\overrightarrow{AB}$

78. 42°, with $\overrightarrow{AC}$ below $\overrightarrow{AB}$

B   A

A   B

105°, with $\overrightarrow{AC}$ above $\overrightarrow{AB}$ 127°, with $\overrightarrow{AC}$ below $\overrightarrow{AB}$

79.

80.

Fill in the blanks. *(Lesson 9.3)*

81. $\frac{3}{4}$ of a full turn is _____.

82. Two right angles is [ ] of a full turn.

83. 360° is _____ full turn or _____ right angles.

84. What fraction of a full turn is one right angle? [ ]
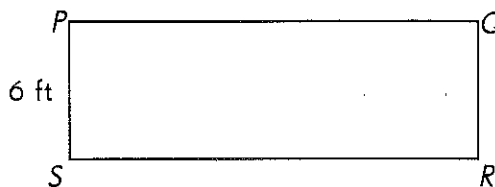
Fill in the blanks. *(Lesson 11.1)*

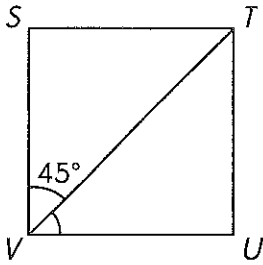85. ABCD is a square.
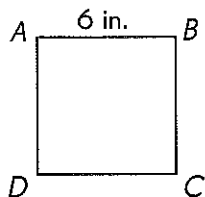
BC = _____ in.

CD = _____ in.

86. PQRS is a rectangle.

$\overline{SR}$ is 3 times as long as $\overline{PS}$.

SR = _____ ft

PQ = _____ ft

Find the measures of the unknown angles in the squares and rectangles. *(Lesson 11.2)*
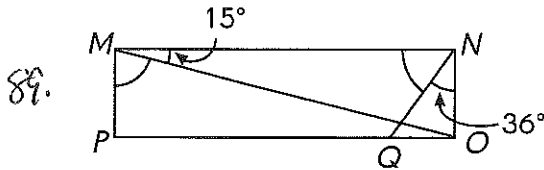
87. *STUV* is a square.

Measure of ∠*TVU* = _____

88. *ABCD* is a rectangle.
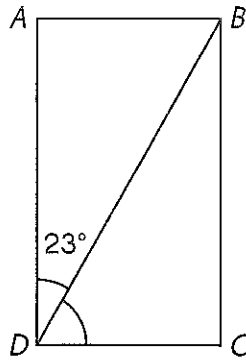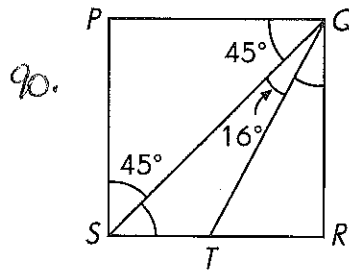

Measure of ∠*BDC* = _____

89. *MNOP* is a rectangle.

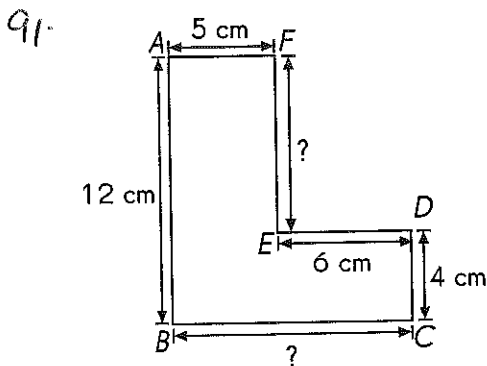Measure of ∠*MNQ* = _____

Measure of ∠*OMP* = _____

90. *PQRS* is a square.
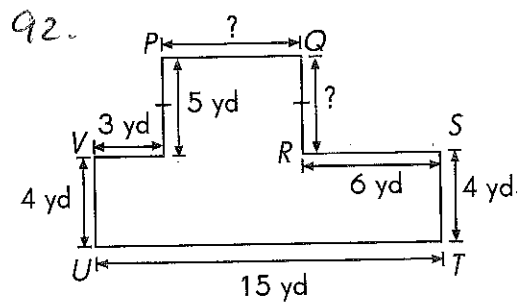

Measure of ∠*QSR* = _____

Measure of ∠*RQT* = _____

Solve. All sides in the figures meet at right angles.
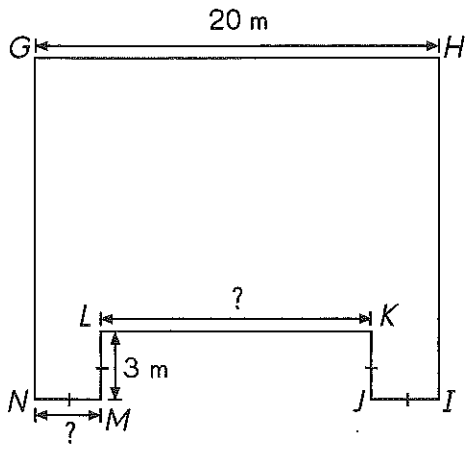**Find the lengths of the unknown sides in each figure.** *(Lesson 11.2)*

91.

EF = _____ cm

BC = _____ cm

92.

QR = _____ yd

PQ = _____ yd

93.

20 m

G ⟶ H

L ⟶ ? ⟶ K

3 m

N ⟵ ? ⟶ M   J   I

94.

8 mi

O ⟶ P

2 mi

M   N   ?

10 mi   R   Q

8 mi

T ⟵ ? ⟶ S

NM = _____ m

LK = _____ m

PQ = _____ mi
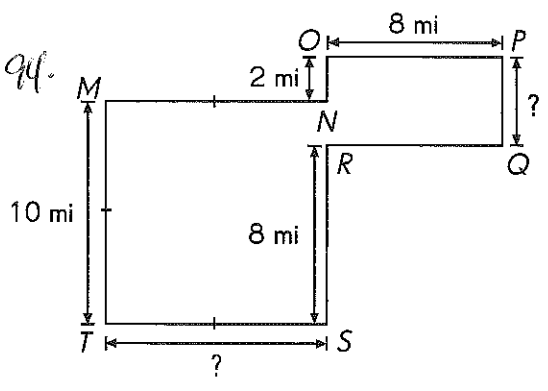
TS = _____ mi

Solve. Show your work. (Lesson 12.2)

95. The perimeter of a rectangle is 54 feet. Its length is 14 feet.
Find its width.

96. The area of a rectangle is 65 square inches. Its width is 5 inches.
Find its length.