

Name: _____

Transition Math Placement Test

*Show work where indicated. Write answers including any labels on answer lines.
All answers containing fractions should be in lowest terms.*

1. Roberta had six quarters, three dimes, and fourteen pennies. How much money did Roberta have?

Work:

Answer: _____

2. At 11:45 a.m. Jason glanced at his watch. His doctor's appointment was in $2\frac{1}{2}$ hours. At what time was the appointment?

Work:

Answer: _____

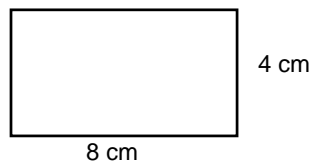
3. What fraction of this rectangle is shaded?



Answer: _____

4. What is the perimeter of this rectangle?

Work:



Answer: _____

5. Three feet equals one yard. A car that is 15 feet long is how many yards long?

Work:

Answer: _____

Name: _____

For 6 thru 9 show work below or next to problem.

6.
$$\begin{array}{r} 346 \\ \times 90 \\ \hline \end{array}$$

Answer: _____

7.
$$\begin{array}{r} \$20.00 \\ - \$17.84 \\ \hline \end{array}$$

Answer: _____

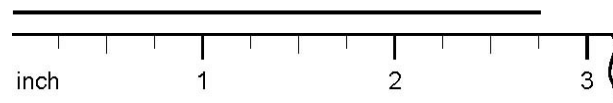
8.
$$4 \overline{)1480}$$

Answer: _____

9. $48 + 163 + 9 + 83$

Answer: _____

10. How long is this line segment?



Answer: _____

Name: _____

11. Carlos gave the clerk a \$10 bill for a book that cost \$6.95 plus \$0.42 tax. How much money should Carlos get back from the clerk?

Work:

Answer: _____

12. The distance around the school track is $\frac{1}{4}$ mile. How many times around the track does Cheryl need to run in order to run one mile?

Work:

Answer: _____

13. Estimate the product of 67 and 73 by rounding each number to the nearest ten before multiplying.

Work:

Answer: _____

14. In 2 hours the 3 boys picked a total of 1347 cherries. If they share the cherries equally, then how many cherries will each boy keep?

Work:

Answer: _____

15. Round 27,647 to the nearest thousand.

Answer: _____

Name: _____

For 16 thru 20 show work below or next to problem.

16.
$$\begin{array}{r} 67 \\ \times 89 \\ \hline \end{array}$$

Answer: _____

17.
$$\begin{array}{r} 4608 \\ - 2729 \\ \hline \end{array}$$

Answer: _____

18.
$$60 \overline{)1590}$$

Answer: _____

19. $2.25 + 12.7$

Answer: _____

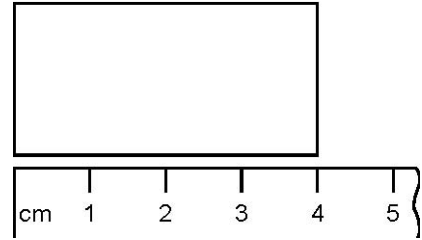
20. $5\frac{3}{4} + 2\frac{3}{4}$

Answer: _____

Name: _____

21. This rectangle is half as wide as it is long.
What is the perimeter of the rectangle?

Work:



Answer: _____

22. New York City uses about one billion, three hundred million gallons of water each day. Use digits to write that number.

Answer: _____

23. Jill is on page 42 of a 180-page book. If she must finish the book in three days, then she needs to read an average of how many pages each day?

Work:

Answer: _____

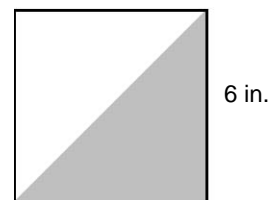
24. Carol cut $2\frac{1}{2}$ inches off her hair three times last year. If she had not cut her hair, how much longer would it have been at the end of the year?

Work:

Answer: _____

25. One half of the area of the square is shaded. What is the area of the shaded region?

Work:



Answer: _____

Name: _____

For 25 thru 29 show work below or next to problem.

26. $2\frac{1}{3} + 1\frac{3}{4}$

Answer: _____

27. 6.3×0.48

Answer: _____

28. $6.7 + 0.48$

Answer: _____

29. $\frac{5}{8} \times \frac{3}{5}$

Answer: _____

30. $6.3 \div 9$

Answer: _____

Name: _____

31. What is the greatest common factor of 32 and 24?

Work:

Answer: _____

32. If $n - 72 = 36$, what is the value of n ?

Work:

Answer: _____

33. Forty percent of the thirty students in the class are boys. How many girls are in the class?

Work:

Answer: _____

34. One gallon = 4 quarts, 1 quart = 2 pints, 1 pint = 2 cups. How many cups are in 1 gallon.

Work:

Answer: _____

35. Albert bought 3 blank tapes for \$5.95. Find the cost per tape to the nearest cent.

Work:

Answer: _____

Name: _____

For 36 thru 40 show work below or next to problem.

36. $4.6 - 3.97$

Answer: _____

37. $2.5 \div 100$

Answer: _____

38. $2\frac{1}{2} \times 1\frac{2}{3}$

Answer: _____

39. $\frac{3}{4} \div \frac{2}{3}$

Answer: _____

40. 4^3

Answer: _____

Name: _____

41. $10 - w = 1.5$ Find w .

Work:

Answer: _____

42. What fraction of 56 is 21?

Work:

Answer: _____

43. What number is $\frac{4}{7}$ of 210?

Work:

Answer: _____

44. Evaluate $ab - c$ if $a = 5$, $b = 3$, and $c = 4$.

Work:

Answer: _____

45. Express 40% as a fraction in lowest terms.

Work:

Answer: _____

Name: _____

46. Which statement is not true:

- a. $-5 > -8$ b. $7 > -8$ c. $-8 > -7$ d. $3 < 6$

Answer: _____

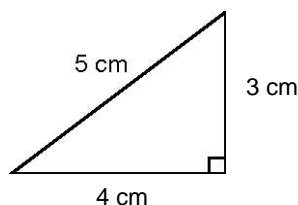
47. Evaluate $xy - yt$ if $x = 12$, $y = \frac{1}{3}$, and $t = 6$.

Work:

Answer: _____

48. What is the area of this triangle?

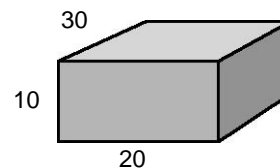
Work:



Answer: _____

49. Find the volume of this rectangular solid. Dimensions are in feet.

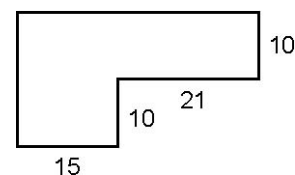
Work:



Answer: _____

50. Find the area of this figure. Dimensions are in centimeters.

Work:



Answer: _____

Name: _____

For 51 thru 55 show work below or next to problem.

51. $(-5)(-3) + (-6)$

Answer: _____

52. 18.4×0.013

Answer: _____

53. $\frac{7}{8} + 1\frac{3}{16} - \frac{1}{2}$

Answer: _____

54. $5x - 2 = 88$ Find x .

Answer: _____

55. $(6)(3) + 4(2 + 12)$

Answer: _____