

Math Level B

Initial Assessment

Date:

04/27

Grade:

3

Name:

Note to Instructors: Please inform students not to guess on any questions. If there is more than one problem in a question, all problems in the question must be answered correctly to qualify as a correct answer.

1. Write the number in expanded form.

$$354 = \underline{4} + \underline{50} + \underline{300}$$

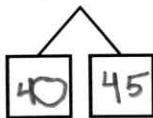
-15
55

2. Fill in the blanks to express the number.

$$437 = \underline{400} \text{ hundreds} + \underline{30} \text{ tens} + \underline{7} \text{ ones}$$

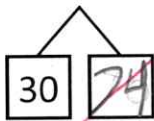
3. Fill in the blanks.

$$38 + 7 = 38 + \underline{2} + \underline{0} = 40 + \underline{5} = \underline{45}$$



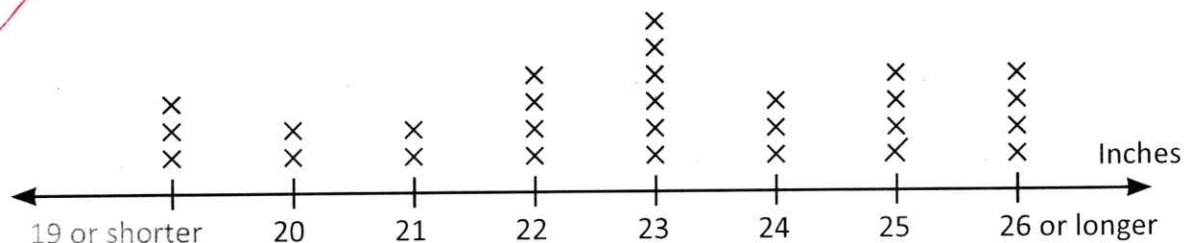
4. Fill in the blanks.

$$43 - 7 = 30 + \underline{10} - 7 = 30 + \underline{40} = \underline{74}$$



5. How many plants and flowers are 22 or 23 inches tall? 10 inches

Height of Plants and Flowers



6. Add.

$$\begin{array}{r} 45 \\ + 27 \\ \hline 72 \end{array}$$

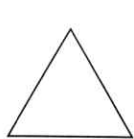
$$\begin{array}{r} 38 \\ + 53 \\ \hline 91 \end{array}$$

7. Subtract.

$$\begin{array}{r} 83 \\ - 27 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 64 \\ - 39 \\ \hline 25 \end{array}$$

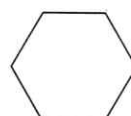
8. Write the number of sides and angles.



3 sides
3 angles



4 sides
4 angles



6 sides
6 angles

9. How many \$20 bills do you need to make a \$100? 5

20, 40, 60, 80, 100

10. Adam had 3 quarters and 2 dimes. He bought a lollipop for 50 cents.
How much money does he have left?

(45)

11. Write the numbers.

$$5 \text{ hundreds} + 7 \text{ tens} + 15 \text{ ones} = \underline{585}$$

$$\times 3 \text{ hundreds} + 14 \text{ tens} + 8 \text{ ones} = \underline{\cancel{348}}$$

12. Add.

$$\begin{array}{r} 637 \\ + 58 \\ \hline 695 \end{array}$$

$$\begin{array}{r} 382 \\ + 76 \\ \hline 458 \end{array}$$

13. Add.

$$\begin{array}{r} 427 \\ + 169 \\ \hline 596 \end{array}$$

$$\begin{array}{r} 638 \\ + 225 \\ \hline 863 \end{array}$$

14. Subtract.

$$\begin{array}{r} 1783 \\ - 67 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 3456 \\ - 194 \\ \hline 262 \end{array}$$

15. Write the missing numbers in the pattern.

13 19 25 31 37 43 49

16. Add.

$$\begin{array}{r} \overset{1}{4} \overset{1}{8} \\ + 65 \\ \hline 167 \end{array}$$

$$\begin{array}{r} \overset{2}{4} \overset{0}{6} \overset{0}{3} \\ + 74 \\ \hline 220 \end{array}$$

17. Add or subtract.

$$\begin{array}{r} \overset{1}{4} \overset{1}{9} \overset{1}{3} \\ + 267 \\ \hline 760 \end{array}$$

$$\begin{array}{r} \overset{5}{4} \overset{3}{5} \overset{1}{1} \\ - 257 \\ \hline 293 \end{array}$$

$$\begin{array}{r} 700 \\ - 368 \\ \hline 442 \end{array}$$

18. Avery is 4 ft 5 in tall. How tall is Avery in inches?

44 and 5 inches tall

19. Convert centimeters to meters and centimeters.

$$307 \text{ cm} = \underline{3} \text{ m } \underline{7} \text{ cm}$$

20. Write the number.

22,694
 twenty-two thousand, six hundred ninety-four 22,694

21. Subtract.

$$\begin{array}{r} 3,2\cancel{3}1\cancel{2}5 \\ - 1,079 \\ \hline 2,2\cancel{5}6 \end{array}$$

22. Write the correct time.

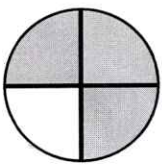


6 : 43

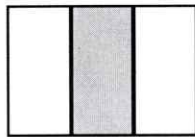
23. Bran read a book from 10:20 to 11:45. How long did he read the book?

85 minutes

24. Write the fraction for the shaded part(s).



$$\frac{2}{4}$$

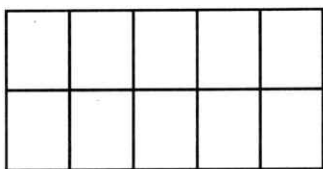


$$\frac{1}{3}$$

$$\frac{1}{3}$$

$$\frac{3}{4}$$

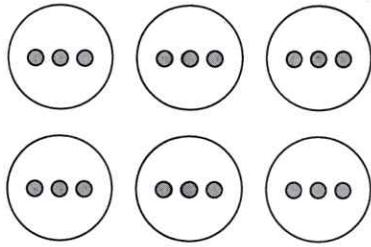
25. The rectangular array below is made up of 10 squares. Write 2 addition sentences to show 10 squares of the rectangular array.



$$5 + 5 = 10 \quad 2 + 2 + 2 + 2 + 2 = 10$$

$$10 + 0 = 10 \quad 6 + 4 = 10$$

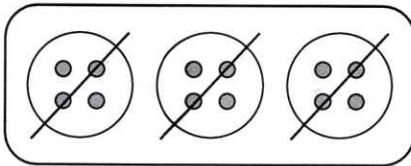
26. Write two multiplication sentences for the drawing.



$$\underline{6} \times \underline{3} = \underline{18}$$

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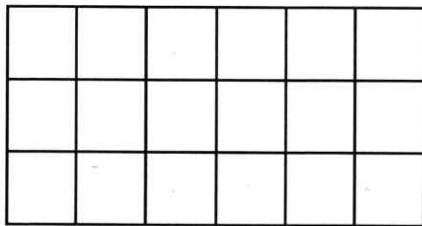
27. Write the division sentence for the drawing.



$$12 - 4 - 4 - 4 = 0$$

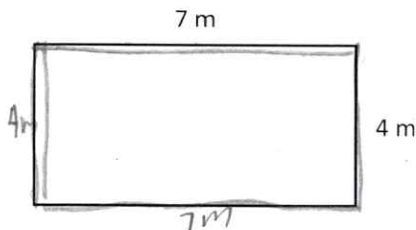
$$\underline{3} \div \underline{3} = \underline{9}$$

28. Find the area of the shape.



$$\underline{6} \times \underline{3} = \underline{18}$$

29. Find the perimeter of the shape.



$$\text{perimeter} = \underline{9}$$