

Math Level B

Initial Assessment

Date: 04/27

Grade: 3

Name:

Nira Patel

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.

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

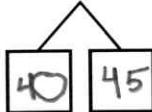
-15
55

2. Fill in the blanks to express the number.

$$437 = \underline{4} \text{ hundreds} + \underline{30} \text{ tens} + \underline{7} \text{ ones}$$

3. Fill in the blanks.

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



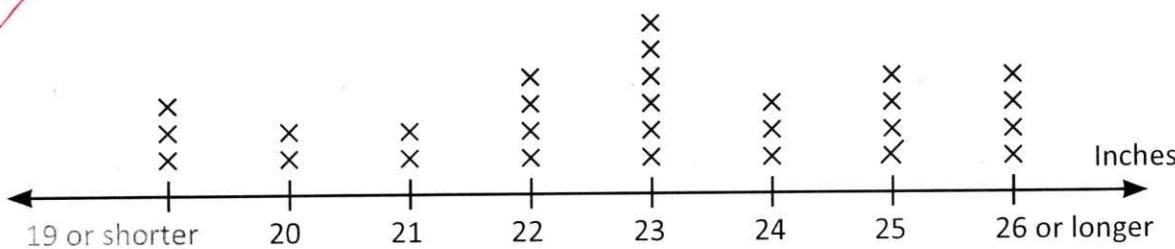
4. Fill in the blanks.

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



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 hundreds + 7 tens + 15 ones = 585

~~3~~ hundreds + 14 tens + 8 ones = 3148

12. Add.

$$\begin{array}{r} 6 \ 3 \ 7 \\ + \ 5 \ 8 \\ \hline 6 \ 9 \ 5 \end{array}$$

$$\begin{array}{r} 3 \ 8 \ 2 \\ + \ 7 \ 6 \\ \hline 4 \ 5 \ 8 \end{array}$$

13. Add.

$$\begin{array}{r} 4 \ 2 \ 7 \\ + \ 1 \ 6 \ 9 \\ \hline 5 \ 9 \ 6 \end{array}$$

$$\begin{array}{r} 6 \ 3 \ 8 \\ + \ 2 \ 2 \ 5 \\ \hline 8 \ 6 \ 3 \end{array}$$

14. Subtract.

$$\begin{array}{r} 178 \ 3 \\ - \ 6 \ 7 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 345 \ 6 \\ - \ 194 \\ \hline 262 \end{array}$$

15. Write the missing numbers in the pattern.

13 19 25 31 37 43 49

16. Add.

$$\begin{array}{r} \cancel{X} \quad | \\ 4 \quad 3 \\ 8 \quad 9 \\ + \quad 6 \quad 5 \\ \hline 167 \end{array}$$

$$\begin{array}{r} \cancel{Q} \quad | \\ 4 \quad 3 \\ 6 \quad 7 \\ 3 \quad 6 \\ + \quad 7 \quad 4 \\ \hline 220 \end{array}$$

17. Add or subtract.

$$\begin{array}{r} \cancel{1} \quad | \\ 4 \quad 9 \quad 3 \\ + \quad 2 \quad 6 \quad 7 \\ \hline 760 \end{array}$$

$$\begin{array}{r} \cancel{W} \quad | \\ 5 \quad 3 \quad 1 \\ - \quad 2 \quad 5 \quad 7 \\ \hline 293 \end{array}$$

$$\begin{array}{r} \cancel{7} \quad | \\ 0 \quad 0 \\ - \quad 3 \quad 6 \quad 8 \\ \hline 442 \end{array}$$

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

4ft and 5 inches tall

19. Convert centimeters to meters and centimeters.

$$307 \text{ cm} = \underline{\quad} \text{ m } \underline{\quad} \text{ cm}$$

20. Write the number.

226,94
twenty-two thousand, six hundred ninety-four 226,94

21. Subtract.

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

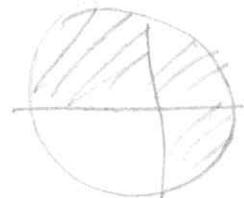
22. Write the correct time.



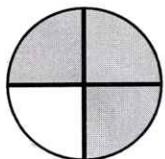
6 : 43

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

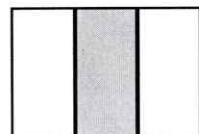
85 mint es



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



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

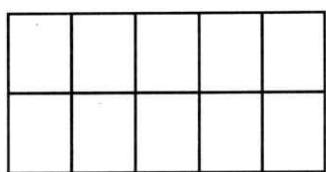


$$\frac{2}{1}$$

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

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

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



$$5 + 5 = 10$$

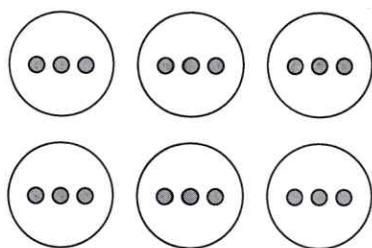
$$2+2+2+2=10$$

$$10 + 0 = 10$$

$$6+4=10$$



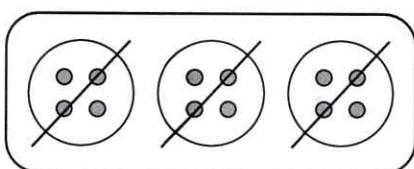
26. Write two multiplication sentences for the drawing.



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

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

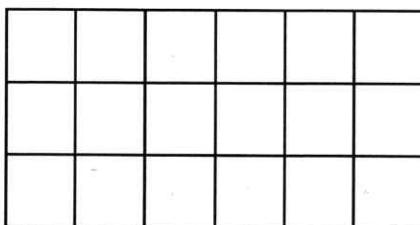
(D) 27. Write the division sentence for the drawing.



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

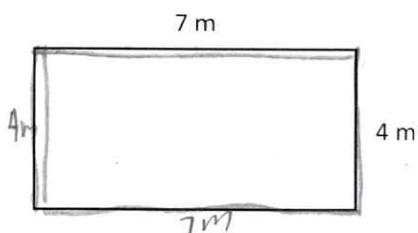
$$\underline{3} \div \underline{3} = \underline{9}$$

28. Find the area of the shape.



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

(F) 29. Find the perimeter of the shape.



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