

GRADE 4 WHOLE NUMBER PRE-ASSESSMENT

1. Continue to skip count for 5 more numbers:

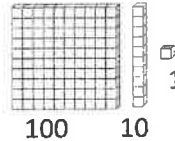
- a. 96, 97, 98, 99, 100, 101, 102, 103
- b. 140, 240, 340, 440, 540, 640, 740, 840
- c. 7605, 7615, 7625, 7630, 7635, 7640, 7645, 7650
- d. 209, 205, 201, 197, 193, 189, 185, 181


2. What do the 3 and 7 represent in each number:


- a. 37 30, 7
- b. 173 70, 3
- c. 703 700, 3

3. Write the number for each:

Note:



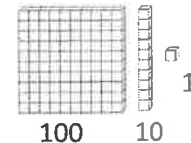
a.  320

b.  403

c. One thousand two 1002

d. Eight hundred two 802

4. How many tens sticks would it take to build 640? 64
5. How many ones blocks would it take to build 327? 327
6. How many hundreds blocks would it take to build 1000? 10



7. Place the following numbers in order from LEAST to greatest:

198, 301, 913, 99, 711, 709, 25

25, 99, 198, 301, 709, 711, 913

8. Solve using mental math. Show your strategy for each question: *Answers will vary*

a. $8 + 5 = 13$ Strategy: _____

b. $7 + 8 = 15$ Strategy: _____

c. $17 + 9 = 26$ Strategy: _____

d. $23 + 18 = 41$ Strategy: _____

e. $13 - 7 = 6$ Strategy: _____

f. $11 - 8 = 3$ Strategy: _____

g. $32 - 9 = 23$ Strategy: _____

h. $51 - 22 = 29$ Strategy: _____

9. Estimate first, then solve (show all work, including your estimate): *answers will vary*

a. $567 + 98$ is about $550 + 100 = 650$
 $567 + 98 = 665$

b. $902 - 754$ is about $900 - 150 = 750$
 $902 - 754 = 148$

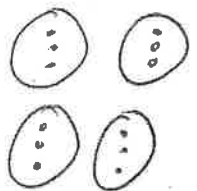
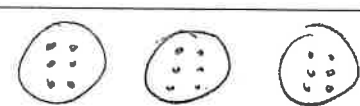

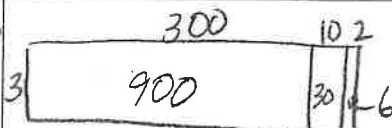
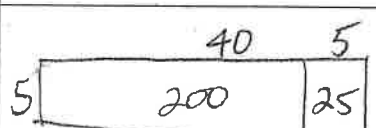
10. Sandra has three hundred sixty-six rocks in her collection. Jeff has eighty-nine rocks in his collection. How many more rocks does Sandra have than Jeff?

$366 - 89 = 277$

11. Sanjeve has saved up \$187 for a new ipad. His grandparents gave him \$50 for his birthday and his parents gave him \$75 for his birthday. How much money does Sanjeve now have?

$$187 + 50 + 75 = 312$$

12. For each of the following show how you solved the equation, show a picture of what the equation **means** and write a story problem that would be solved by the equation: *Answers will vary.*

Equation	Picture	Story problem
a. $4 \times 3 = 12$ how did you solve:		4 groups of 3
b. $18 \div 6 = 3$ how did you solve:	 or: 	18 split into 6 groups or 18 divided so that there are 6 in each group
c. $3 \times 312 = 936$ how did you solve:		3 groups of 312.
d. $225 \div 5 = 45$ how did you solve:		similar but with $225 \div 5$

13. Write at least 1 multiplication and one division number sentence that matches this image:



Multiplication: 5×3 or 3×5

Division: $15 \div 3$ or $15 \div 5$

14. What multiplication equation does this image represent:



$7 \times 2 = 14$

15. Show the division on the number line below and solve: *2 possible correct answers*

$30 \div 5 =$ 6

