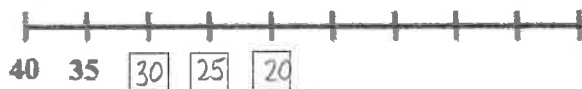
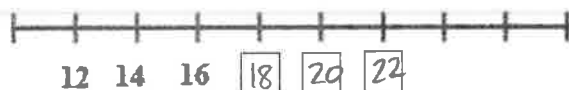
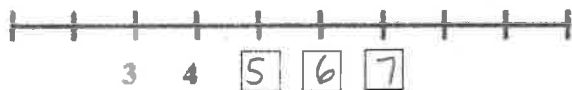


GRADE 3 WHOLE NUMBER PRE-ASSESSMENT

1. Fill in the missing numbers in the boxes below:



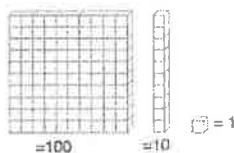
2. Follow the pattern for 3 more numbers:

- a. 6, 8, 10, 12, 14, 16
- b. 5, 10, 15, 20, 25, 30
- c. 40, 50, 60, 70, 80, 90
- d. 130, 230, 330, 430, 530, 630
- e. 50, 48, 46, 44, 42, 40
- f. 215, 210, 205, 200, 195, 190

3. Write each number using numerals (fifteen = 15):

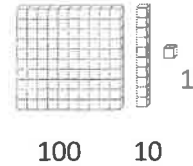
- a. Twenty five 25
- b. One hundred sixty two 162
- c. Four hundred five 405

Note:



- d.  320

- e.  403



4. How many tens sticks would it take to build 129? 12
5. How many ones blocks would it take to build 327? 327
6. How many hundreds blocks would it take to build 1000? 100
7. 40 is 4 tens
8. 57 is 4 tens and 17 ones
9. 250 is 25 tens

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

98, 101, 13, 99, 201, 409, 25

13, 25, 98, 99, 101, 201, 409

11. Solve using mental math. Show your strategy for each question:

*Answers will vary
look for additive
strategies or
counting
strategies*

- a. $8 + 5 = 13$ Strategy: $8 + 2 + 3 = 13$
- b. $7 + 8 = 15$ Strategy: $7 + 7 + 1 = 15$
- c. $17 + 9 = 26$ Strategy: $17 + 10 = 27, 27 - 1 = 26$
- d. $23 + 18 = 41$ Strategy: $20 + 10 = 30 + 3 + 8 = 30 + 11 = 41$
- e. $13 - 7 = 6$ Strategy: $7 + 3 + 3 = 13$ or $13 - 3 = 10, 10 - 4 = 6$
- f. $11 - 8 = 3$ Strategy: $8 + 2 + 1 = 11$
- g. $32 - 9 = 23$ Strategy: $32 - 10 = 22, 22 + 1 = 23$ or $33 - 10 = 23$
- h. $51 - 22 = 29$ Strategy: $51 - 20 = 31, 31 - 2 = 29$

12. Estimate first, then solve (show all work, including your estimate):

Answers will vary

a. $287 + 98$ is about $300 + 100 = 400$
 $287 + 98 = 385$

b. $302 - 54$ is about 250 ($300 - 50$)
 $302 - 54 = 248$

13. 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?

$$89 - 66 = 23$$

14. Sanjeve has saved up \$97 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?

$$97 + 50 + 75 = 222$$