

Grade 6 Whole Number
Pre-Assessment

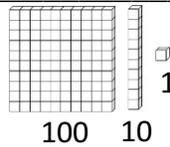
1. Continue to skip count for 3 more numbers:

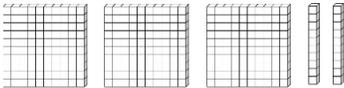
- a. 140, 240, 340, _____, _____, _____
- b. 7605, 7615, 7625, _____, _____, _____

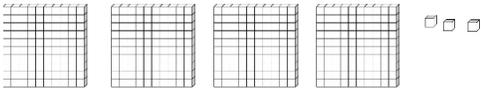
2. What values do the 3 and 7 represent in each number:

- a. 73 _____
- b. 307 _____
- c. 30 700 _____

3. Write the number for each: Note:



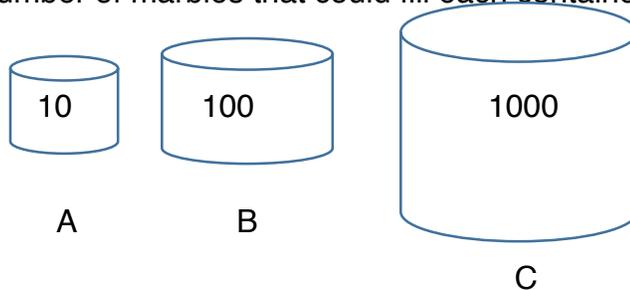
- a.  _____

- b.  _____

c. Four thousand twelve _____

d. Twenty thousand two _____

4. The number of marbles that could fill each container is written on each container:



a. 450 marbles would fill _____ container As.

b. 1000 marbles would fill _____ container Bs.

c. 32 000 marbles would fill _____ container Cs.

5. Calculate:

a. $5 \times 10 =$ _____

e. $60 \div 10 =$ _____

b. $10 \times 30 =$ _____

f. $130 \div 10 =$ _____

c. $9 \times 100 =$ _____

g. $4200 \div 100 =$ _____

d. $100 \times 12 =$ _____

h. $4200 \div 10 =$ _____

6. Solve using mental math:

a. $32 + 24 =$ _____

c. $64 - 29 =$ _____

b. $48 + 9 =$ _____

d. $54 - 15 =$ _____

7. Explain what mental math strategy you used for question 6 b:

Explain what mental math strategy you used for question 6 c:

8. Estimate the following:

a. $427 + 394$ is about _____ (to nearest hundred)

b. $3041 + 4956$ is about _____ (to nearest thousand)

9. Add:

a. $3873 + 584 =$ _____

b. $3092 + 569 =$ _____

10. Estimate the following:

a. $827 - 394 =$ _____ (to nearest hundred)

b. $6041 - 4956 =$ _____ (to nearest thousand)

11. Subtract:

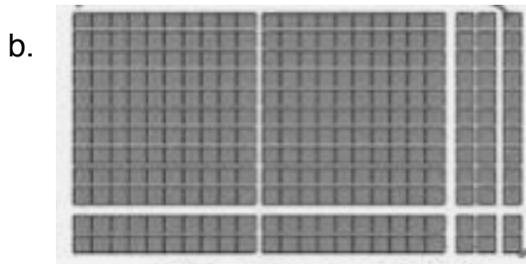
a. $418 - 227 =$ _____

b. $5312 - 319 =$ _____

12. What multiplication is shown? Solve:



_____ x _____ = _____



_____ x _____ = _____

13. Estimate:

a. 5×34 is about _____

b. 6×475 is about _____

14. Calculate:

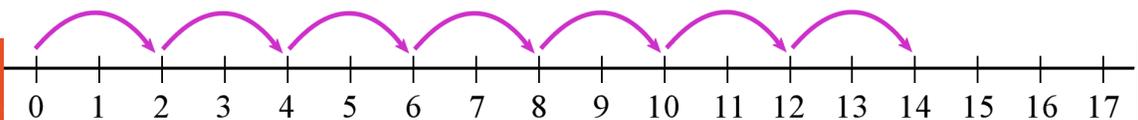
a. $7 \times 51 =$ _____

b. $3 \times 648 =$ _____

c. $42 \times 72 =$ _____

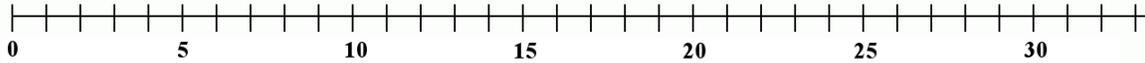
15. Describe a situation (or write a story problem) where you would use 22×23 to solve:

16.



a. Write the multiplication that matches the number line: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

b. Show the multiplication 6×5 on the given number line:



$6 \times 5 = \underline{\hspace{2cm}}$

17. Draw a picture to show each division and solve:

a. $20 \div 4 = \underline{\hspace{2cm}}$

b. $18 \div 3 = \underline{\hspace{2cm}}$

18. Calculate:

a. $42 \div 2 = \underline{\hspace{2cm}}$

b. $78 \div 7 = \underline{\hspace{2cm}}$

c. $424 \div 8 = \underline{\hspace{2cm}}$

19. Describe a situation (or write a story problem) where you would use $651 \div 9$ to solve:

20. Show each division on the number lines below and solve:

a. $28 \div 4 = \underline{\hspace{2cm}}$

