NUMBER WORLDS™

Accelerate Math Success

Assessment

McGraw Hill Education

Name _____ Date _____

Unit Pretest

Circle the letter of the correct answer.

1. What number comes right after 18?

A 16

B 20

C 19

D 17

2. $10 - 6 = ?$

A 6

B 4

C 5

D 16

3. Which subtraction equation goes with this story?

> Jeff wrote 9 thank-you cards. He mailed 5 and delivered the rest himself. How many cards did he deliver himself?

A $9 + 5 = 14$

B $9 - 1 = 8$

C $5 - 2 = 3$

D $9 - 5 = 4$

4. Which answer shows how to divide 16 into halves.

A $8 + 8$

B $4 + 4$

C $16 + 0$

D $14 + 2$

5. Which answer is the same as $46 - 41$?

A $4 - 4$

B $61 - 44$

C $6 - 4$

D $19 - 14$

6. Which equation goes with this story?

> A small tree had 9 apples. Squirrels ate 4 of the apples. How many apples were left on the tree?

A 9 apples + 4 apples = 13 apples

B 5 apples − 4 apples = 1 apple

C 9 apples − 4 apples = 5 apples

D 4 apples − 1 apple = 3 apples

Circle the letter of the correct answer.

7. $12 - 3 - 4 =$

A 9

B 5

C 8

D 1

8. Which addition fact goes with $16 - 3 = 13$?

A $13 + 3 = 16$

B $16 + 3 = 19$

C $16 + 13 = 29$

D $10 + 3 = 13$

9. Which subtraction equation goes with this story?

There are 19 houses on a street. One side of the street has 7 houses. How many houses are on the other side of the street?
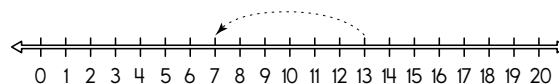
A $7 - 0 = 7$

B $19 - 8 = 11$

C $19 - 7 = 12$

D $17 - 7 = 10$

10. Which equation goes with the number line?
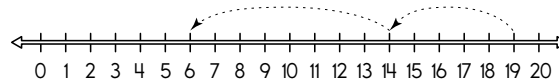

A $13 + 7 = 20$

B $7 - 7 = 0$

C $13 + 7 = 20$

D $13 - 6 = 7$

11. Which equation goes with the number line?

A $19 - 5 - 8 = 6$

B $19 - 14 = 6$

C $6 + 14 = 20$

D $14 + 5 = 15$

12. Which equation goes with the problem?

$$\begin{array}{r} 39 \\ -7 \\ \hline \end{array}$$

A $39 + 7 = 46$

B $39 - 7 = 32$

C $40 - 7 = 33$

D $7 + 22 = 29$

Name _____ Date _____

Circle the letter of the correct answer.

13. Which subtraction sentence matches this problem?

> A waiter carried 19 plates from the kitchen. He put 12 on tables. How many dishes was he still carrying?

A $19 - 12 =$ _____

B _____ $- 19 = 12$

C _____ $- 12 = 19$

D $12 -$ _____ $= 3$

14. What is the whole set in this problem?

> On Saturday morning there were 20 dogs in the dog park. Their owners had 11 dogs on a leash. How many dogs were not on leash?

A the number of dogs on leash

B the number of owners

C the number of dogs in the park

D the number of dogs not on leash

15. Which answer matches this addition problem and is correct?

> 45
> $+ 17$

A $62 - 17 = 45$

B $17 + 28 = 45$

C $17 - 4 = 13$

D $45 - 5 = 40$

16. How many groups of ten are in 80?

A 10   C 7

B 8   D 9

17. $\begin{array}{r} 361 \\ -\ 175 \\ \hline \end{array}$

A 186

B 416

C 214

D 216

18. A hotel has 458 rooms. If 219 rooms have a view of the ocean, how many do not?

A 241   C 139

B 249   D 239

Name _____ Date _____

Unit Posttest

Circle the letter of the correct answer.

1. What number comes right before 13?

   A 11

   B 15

   C 14

   D 12

2. $12 - 5 = ?$

   A 17

   B 6

   C 7

   D 13

3. Which subtraction equation goes with this story?

> Lin helped her father make 14 sandwiches for a party. There were 8 chicken sandwiches and the rest were grilled cheese. How many grilled cheese sandwiches did they make?

   A $14 - 8 = 6$

   B $14 - 10 = 4$

   C $8 - 6 = 2$

   D $8 - 2 = 6$

4. Which answer shows how to divide 14 into halves.

   A $14 + 0$

   B $7 + 7$

   C $8 + 6$

   D $12 + 2$

5. Which answer is the same as $39 - 33$?

   A $56 - 50$

   B $3 - 3$

   C $93 - 33$

   D $9 - 6$

6. Which equation goes with this story?

> A group of 12 birds was at a feeder. A dog walked by, and 9 birds flew away. How many birds stayed at the feeder?

   A 12 birds + 9 birds = 21 birds

   B 9 birds − 8 birds = 1 bird

   C 12 birds − 9 birds = 3 birds

   D 9 birds − 1 bird = 8 birds

Name _____ Date _____

Circle the letter of the correct answer.

7. $15 - 2 - 5 =$

A 12

B 10

C 3

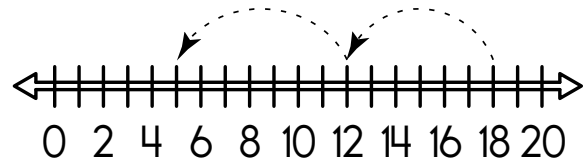D 8

8. Which addition fact goes with $17 - 6 = 11$?

A $17 + 6 = 23$

B $11 + 6 = 17$

C $17 + 11 = 28$

D $10 + 7 = 17$

9. Which subtraction equation goes with this story?

A truck is carrying 17 tires. The driver brought 7 tires to a garage. The rest went to a car dealer. How many tires went to the dealer?

A $7 - 0 = 7$

B $17 - 7 = 10$

C $17 - 5 = 12$

D $15 - 8 = 7$

10. Which equation goes with the problem shown on the number line?

0 2 4 6 8 10 12 14 16 18 20

A $18 - 6 - 7 = 5$

B $18 - 12 = 5$

C $8 + 12 = 20$

D $5 + 12 = 17$

11. Which equation goes with the problem?

$$\begin{array}{r} 58 \\ -\ 6 \\ \hline \end{array}$$

A $58 + 6 = 64$

B $50 - 44 = 6$

C $58 - 6 = 52$

D $6 + 12 = 18$

Circle the letter of the correct answer.

12. Which subtraction sentence matches this problem?

> A customer gave a waitress $20 for a meal. The waitress gave the customer $7 change. How much did the meal cost?

A $20 − $7 = _____

B _____ − $20 = $7

C _____ − $7 = $20

D $7 − _____ = $3

13. What is the whole set in this problem?

> There are 19 fish in a tank, and 12 of them are goldfish. How many of the fish are not goldfish?

A the number of goldfish

B the number of fish that weren't goldfish

C the number of fish that are small

D the number of fish in the tank

14. Which answer matches this addition problem and is correct?

> $$46$$
> $$+ \ 29$$

A $29 + 17 = 46$

B $75 − 29 = 46$

C $46 − 20 = 26$

D $40 + 6 = 46$

15. How many groups of ten are in 90?

A 8   C 7

B 10   D 9

16. $$942$$
$$- \ 373$$

A 631   C 569

B 535   D 621

17. A truck driver has to travel 633 miles. He stops for a break after 328 miles. How many more miles must he drive?

A 305   C 205

B 315   D 415

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