

Final Test — Form A

Answer key

2.OA

2.NBT

2.MD

2.G

18 problems

1. $8 + 7$.

Answer 15 $8 + 7 = 15$. You can think $8 + 2 = 10$, then $10 + 5 = 15$.

2. $16 - 9$.

Answer 7 $16 - 9 = 7$. Check: $7 + 9 = 16$.

3. Is 14 odd or even?

Answer Even14 splits into two equal groups: $7 + 7 = 14$, so it is even.

4. What is the value of the digit 5 in 562?

Answer 500

The 5 is in the hundreds place, so its value is 500.

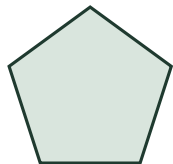
5. Skip-count by 5s. Write the next two numbers: 15, 20, 25, _____, _____.

Answer 30 and 35

Counting by 5s, after 25 comes 30, then 35.

6. Compare the two numbers. Write $<$, $>$, or $=$ between them: 348 _____ 372.**Answer** $348 < 372$ The hundreds are the same (3). In the tens, $4 < 7$, so $348 < 372$.

7. How many sides does this shape have? What is its name?

**Answer** 5 sides; a pentagon

The shape has 5 straight sides, so it is a pentagon.

8. An array of bird eggs has 3 rows with 5 eggs in each row. Which addition sentence finds the total number of eggs?

Answer B) $5 + 5 + 5 = 15$ Three rows of 5 means adding 5 three times: $5 + 5 + 5 = 15$ eggs.

9. At the zoo gift shop, Maya has 2 quarters and 3 dimes. How much money does she have?

Answer 80 cents2 quarters = 50 cents and 3 dimes = 30 cents: $50 + 30 = 80$ cents.

10. A clock shows the hour hand between 7 and 8, and the minute hand on 6. What time is it?

Answer 7:30

The minute hand on 6 means 30 minutes. The hour is still 7, so it is 7:30.

11. $47 + 38$.

Answer 85

Ones: $7 + 8 = 15$, write 5 and carry 1 ten. Tens: $4 + 3 + 1 = 8$. So $47 + 38 = 85$.

12. $64 - 27$.

Answer 37

Regroup 1 ten: $64 = 50 + 14$. Ones: $14 - 7 = 7$. Tens: $50 - 20 = 30$. So $64 - 27 = 37$.

13. This leaf garden is split into equal parts. How many equal parts are there? What is one part called?



Answer 4 equal parts; a fourth (a quarter)

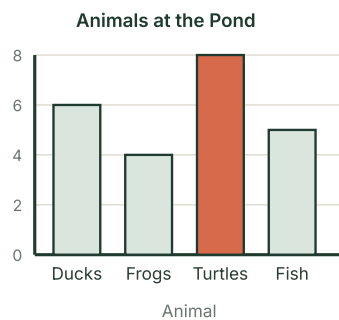
The garden is split into 4 equal parts. Each part is one fourth.

14. A caterpillar is placed on a ruler. One end is at the 3 cm mark and the other end is at the 12 cm mark. How long is the caterpillar?

Answer 9 cm

$12 - 3 = 9$ cm.

15. The bar graph shows how many animals a class saw at the pond. How many more turtles than frogs did the class see?



Answer 4 more turtles

Turtles = 8 and frogs = 4: $8 - 4 = 4$ more turtles.

16. There were 32 ducks on a pond. Then 15 ducks flew away, and later 9 more ducks landed on the pond. How many ducks are on the pond now?

Answer 26 ducks

Start with 32. After 15 fly away: $32 - 15 = 17$. After 9 land: $17 + 9 = 26$ ducks.

17. A nature center had 215 visitors on Saturday and 134 visitors on Sunday. How many visitors came in all on those two days?

Answer 349 visitors

Add the two days: $215 + 134 = 349$ visitors.

18. A small bag of bird seed costs 60 cents. Lin has 1 quarter, 3 dimes, and 2 nickels. How much money does she have, and does she have enough to buy the seed?

Answer 65 cents; yes, enough

$25 + 30 + 10 = 65$ cents. Since 65 cents is more than 60 cents, she has enough (with 5 cents left over).