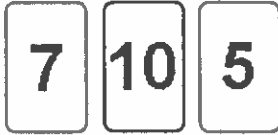


1 Which shows the numbers in order from greatest to least?



- A 7, 5, 10
- B 10, 5, 7
- C 10, 7, 5
- D 5, 7, 10

2 There are 3 birds in a birdbath.

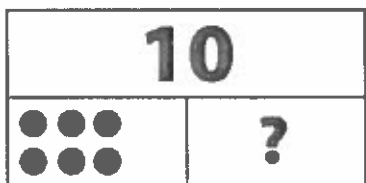
Then 2 birds join them.

How many birds are there in all?



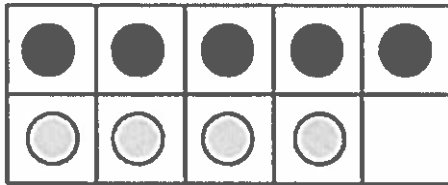
- A 3 birds
- B 4 birds
- C 5 birds
- D 6 birds

3 What is the missing part?



- A 2
- B 4
- C 5
- D 6

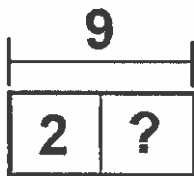
- 4 Minku has 5 winter hats.
His mom bought him 4 more.
How many winter hats does Minku have in all?



- A 8
- B 5
- C 10
- D 9

- 5 There were 9 bees in a flower.
Then 2 bees flew away from the flower.
How many bees are there now?

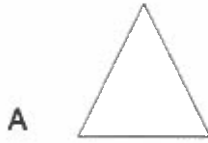
Think addition to help you subtract. Find the missing part.



$2 + \underline{\quad} = 9$ so $9 - 2 = \underline{\quad}$

- A 7
- B 6
- C 5
- D 4

- 6 What shape matches the description?
I have 5 straight sides.
I have 5 vertices.

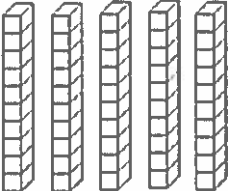



- 7 Start with 42.
Count by 10s.
What are the next two numbers?

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

- A 43, 44
B 44, 46
C 52, 53
D 52, 62

- 8 Count the tens and ones.
What is the correct number?

Tens	Ones
	

- A 44
B 45
C 54
D 55
- 9 Choose the addition fact with ten that helps you solve the problem.

$$9 + 4 = \underline{\quad}$$

- A $10 + 3 = 13$
B $10 + 2 = 12$
C $10 + 5 = 15$
D $10 + 1 = 11$

- 10 Solve.

$$12 - 5 = \underline{\quad}$$

$$5 + \underline{\quad} = 12$$

- A 6
B 7
C 8
D 9

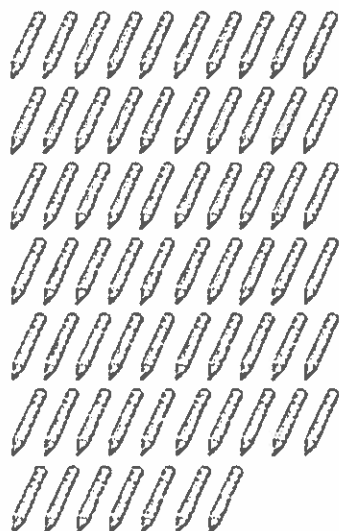
11 Add. Use the part of the hundred chart shown.

$26 + 8 = \underline{\quad}$

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

- A 4
- B 24
- C 30
- D 34

12 Count groups of 10. Count how many are left over.
How many pencils are there in all?



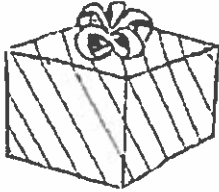
- A 67
- B 70
- C 77
- D 87

13 Ravi has 71 cups.

How much is 10 less?

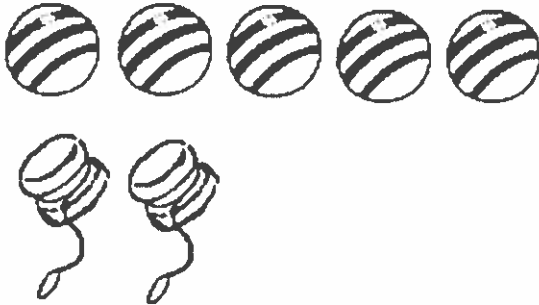
- A 51 cups
- B 61 cups
- C 66 cups
- D 71 cups

14 How many flat surfaces does this solid figure have?



- A 5
- B 4
- C 7
- D 6

15 How many fewer yo-yos are there than balls?



$5 - 2 = \underline{\quad}$

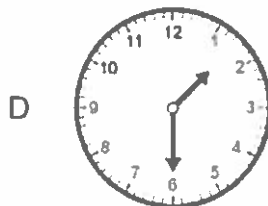
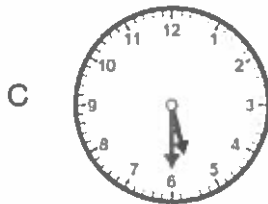
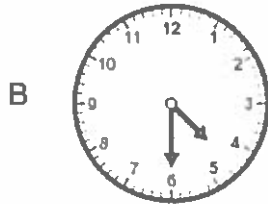
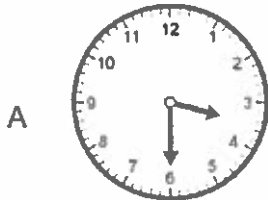
- A 0 fewer yo-yos
- B 1 fewer yo-yo
- C 2 fewer yo-yos
- D 3 fewer yo-yos

- 16 Start with 56.
Count by 2s.
What are the next two numbers?

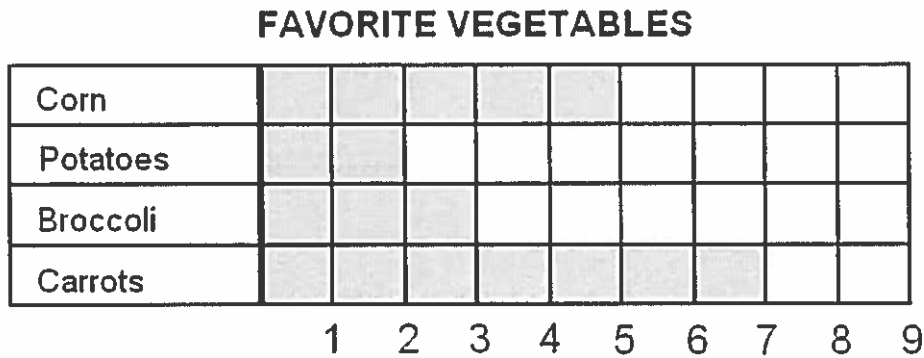
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

- A 56, 58
- B 58, 56
- C 58, 60
- D 57, 58

- 17 Which clock shows the same time?



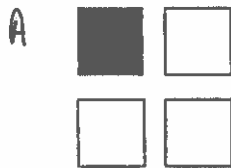
18 How many like broccoli best?



- A 2
- B 3
- C 4
- D 5

19 Read the story. Decide which picture you would draw.

Dora had 4 brick squares. 2 of the brick squares were black and 2 were white. What part of the tiles are white?



20 Solve.

$$82 - 5 = \underline{\quad}$$

- A 73
- B 76
- C 77
- D 79

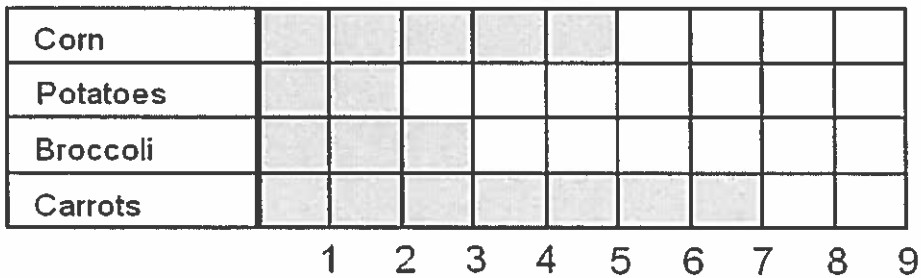
- 1 Use the addition fact to help you subtract. What number completes the number sentences?

$$\begin{array}{r}
 7 \\
 + \square \\
 \hline
 13
 \end{array}
 \qquad
 \begin{array}{r}
 13 \\
 - 7 \\
 \hline
 \square
 \end{array}$$

- A 4
- B 5
- C 6
- D 7

- 2 How many like corn best?

FAVORITE VEGETABLES

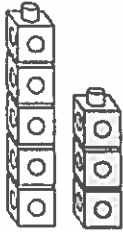


- A 3
- B 4
- C 5
- D 6

- 3 Solve.
74 - 6 = _____

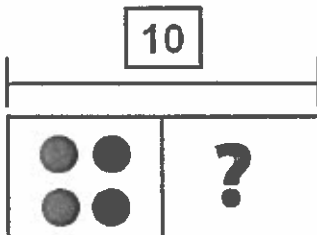
- A 14
- B 62
- C 68
- D 72

- 4 Look at the cube towers.
Which sentence compares them?



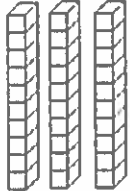

- A $3 > 5$.
- B $5 > 3$.
- C $8 < 3$.
- D $5 = 3$.

- 5 What is the missing part?



- A 9
- B 10
- C 6
- D 7

- 6 Count the tens and ones.
What is the correct number?

Tens	Ones
	

- A 36
B 35
C 26
D 25
- 7 Choose the ten fact that helps you solve the problem.

$9 + 3 = \underline{\quad}$

- A $10 + 6 = 16$
B $10 + 2 = 12$
C $10 + 7 = 17$
D $10 + 9 = 19$
- 8 Choose the addition sentence that helps you find the answer.

Erin had 8 video game tokens. She gave her brother 4 tokens. How many tokens does she have left?

- A $10 + 4 = 14$
B $4 + 4 = 8$
C $8 + 4 = 12$
D $5 + 3 = 8$

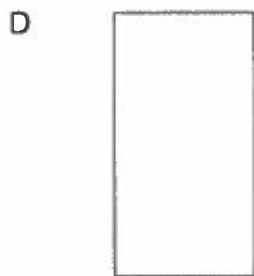
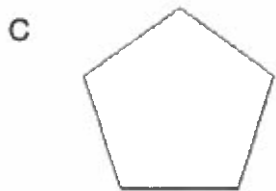
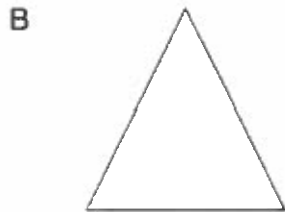
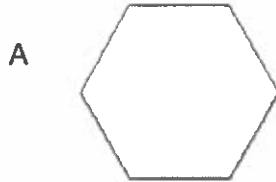
- 9 Use the hundred chart to add.
Solve.

$15 + 20 = \underline{\quad}$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

- A 30
- B 25
- C 48
- D 35

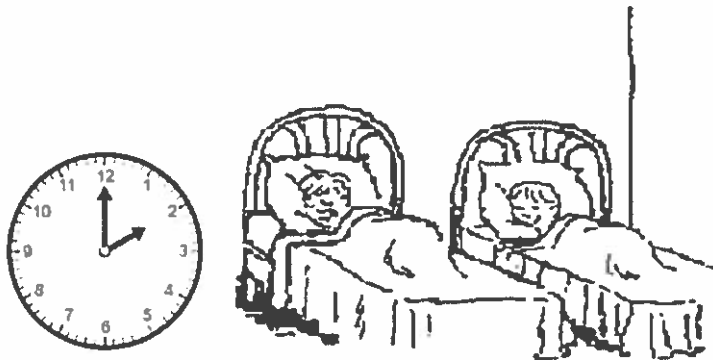
- 10 Which shape has 6 straight sides and 6 corners?



- 11 Use cubes to estimate the length.
Which pencil is about 3 cubes long?

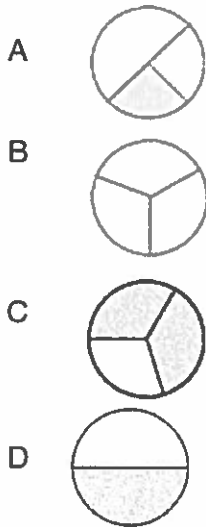


- 12 It is time to take a nap.
What time does the clock show?



- A 1 o'clock
- B 2 o'clock
- C 3 o'clock
- D 12 o'clock

13 Which shows half a circle shaded gray?



14 Which shows the numbers in order from least to greatest?



- A 6, 5, 9
- B 9, 5, 6
- C 9, 6, 5
- D 5, 6, 9

15 There are 4 birds in a tree.



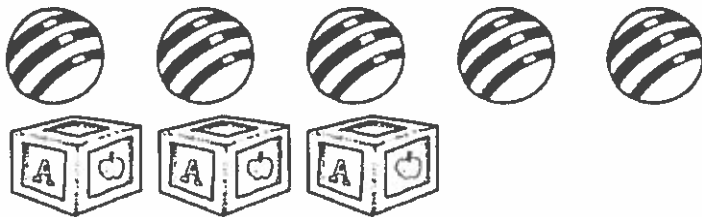
Then 3 birds join them.



How many birds are there in all?

- A 4 birds
- B 5 birds
- C 6 birds
- D 7 birds

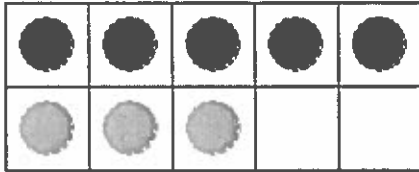
16 How many fewer blocks than balls are there?



$5 - 3 = \underline{\quad}$

- A 0 fewer blocks
- B 1 fewer block
- C 2 fewer blocks
- D 3 fewer blocks

- 17 Dylan has 5 winter hats.
His mom bought him 3 more.
How many winter hats does Dylan have in all?



- A 8
- B 5
- C 10
- D 9

- 18 Add. Use the hundred chart.

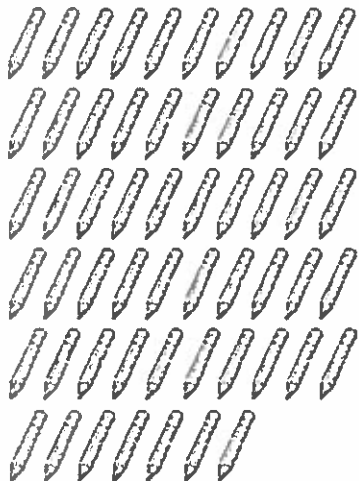
$22 + 6 = \underline{\quad}$

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

- A 26
- B 28
- C 32
- D 38

19

Count groups of 10. Count how many are left over.



How many pencils are there in all?

- A 67
- B 60
- C 57
- D 77

20 Start with 46.

Count by 2s.

What are the next two numbers?

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

- A 48, 50
- B 47, 48
- C 48, 49
- D 56, 66

Grade 2 Beginning of Year Diagnostic Test
