

Kangaroo-Style Math Practice, Grades 3-4, Set 3

Name: _____ Date: _____

Choose the correct answer (A, B, C, D or E). Problems get harder as you go: the first two are worth 3 points, the next two 4 points and the last two 5 points.

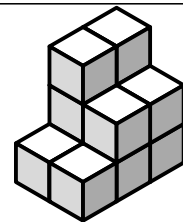
1. What number comes next? 15, 19, 23, 27, ?

3 pts

(A) 26 (B) 28 (C) 31 (D) 33 (E) 36

2. How many cubes were used to build this tower? (No cubes are hidden at the back.)

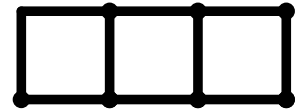
3 pts



(A) 6 (B) 10 (C) 12 (D) 13 (E) 14

3. A row of 3 squares needs 10 matchsticks, as shown. How many matchsticks are needed for a row of 8 squares?

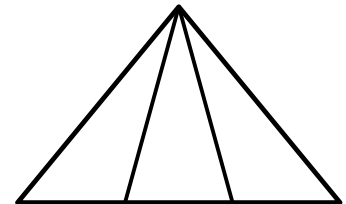
4 pts



(A) 24 (B) 25 (C) 26 (D) 30 (E) 32

4. How many triangles are there in this picture?

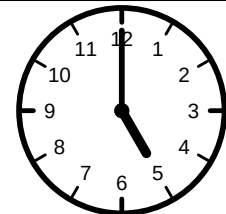
4 pts



(A) 3 (B) 4 (C) 5 (D) 6 (E) 8

5. A movie starts at the time shown on the clock and lasts 1 hour 30 minutes. At what time does it end?

5 pts



(A) 5:30 (B) 6:15 (C) 6:45 (D) 7:30 (E) 6:30

6. Today Ruby is 6 and Ruby's sister is 11. In 4 years, how old will they be together?

5 pts

(A) 17 (B) 21 (C) 25 (D) 26 (E) 30

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Answer Key

Choose the correct answer (A, B, C, D or E). Problems get harder as you go: the first two are worth 3 points, the next two 4 points and the last two 5 points.

1. **(C) 31**

The numbers go up by 4 each time: $27 + 4 = 31$.

2. **(C) 12**

Count each column from the top: the heights add up to 12 cubes.

3. **(B) 25**

The first square needs 4 sticks and each new square adds 3 more: $4 + 3 \times 7 = 25$.

4. **(D) 6**

Every pair of lines from the top corner makes a triangle with the bottom line: that is 6 triangles.

5. **(E) 6:30**

Start at 5:00, add 1 hour and then 30 minutes to reach 6:30.

6. **(C) 25**

Now they are $6 + 11 = 17$ together. Each one gets 4 years older, so add 8: 25.