

SUNSHINE MATH - 7

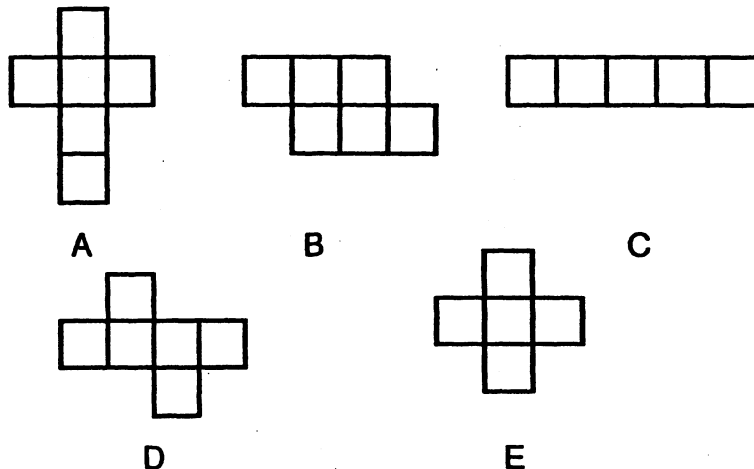
Neptune, VIII

Name: _____
(This shows my own thinking.)

- ★★★ 1. On a farm there were 36 heads and 104 legs when counting the cows and chickens. How many chickens were on the farm? How many cows were on the farm?

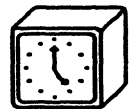
Answer: _____ chickens and _____ cows

- ★★ 2. Circle the figures that can be folded to make a closed cube.



- ★★★ 3. Give the exact number of degrees in the smaller angle formed by the hands of the clock at 5 o'clock. The picture is not accurate enough to be measured with a protractor.

Answer: _____



- ★★★ 4. Your sock drawer has 10 blue socks, 16 red socks and 12 white socks.
- a) In the dark, what is the probability that you will pull out a white sock? _____
- b) If you pull a white sock and put it on, what is the probability that the next sock you pull out will also be white? _____

★★ 5. Place the next three numbers in the pattern:

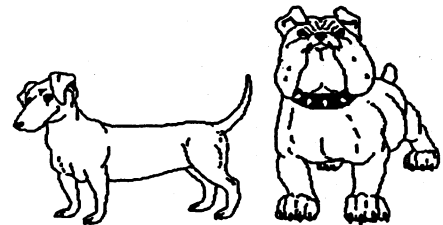
1, 3, 6, 10, 15, _____, _____, _____,

★★ 6. A student has the following grades on a math test: 65%, 90%, and 85%. What is the highest possible average the student can receive if there will be one more test, and all four tests count equally?

Answer: _____

★★★ 7. If it takes 2 dogs 2 minutes to eat 4 bones, how long will it take 4 dogs to eat 24 bones?

Answer: _____



★★ 8. Insert parentheses to make the sentence true: $28 - 20 - 3 - 4 = 7$

★★★ 9. Walter saw this view of his hamburger, fries, and cola when he looked straight at the counter. Tell which view each of the pictures below show, the view from the right, from the left, or the view from the back of the counter. Write "right," "left," or "back" in the correct blank.

