

DIG SITE 1

X marks the spot! Can you uncover this week's buried treasure?

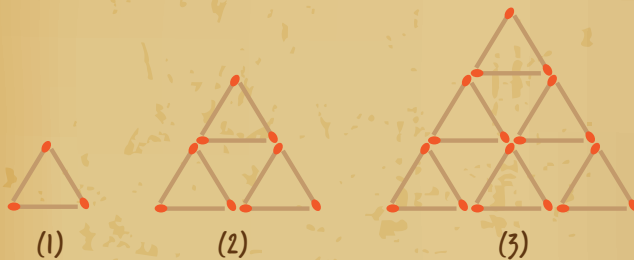
Complete the worksheet and write the answer to the Treasure Map Question on your map.

Be sure to check back each week for new activities and worksheets!

1. A bottle filled with 15 marbles weighs 900g. After removing 7 marbles, the bottle weighs 620g. How much does the empty bottle weigh?

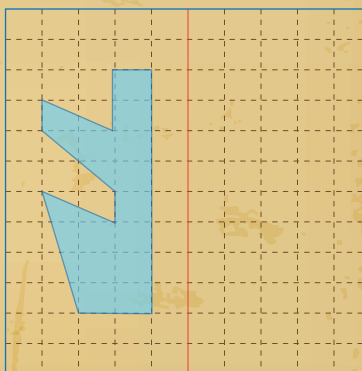
Answer: 300g

2. Matches are placed in the pattern shown. How many matches would be in the 7th figure?



Answer: 84

3. The figure below has been folded along a line of symmetry. Draw the missing half.



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4. Write the letters that belong in the blank to complete the pattern.

AC, BD, CE, , EG, FH

Answer: DF

5. There are 24 students in our class. From the following statements, find the number of students who dislike both reading and drawing.

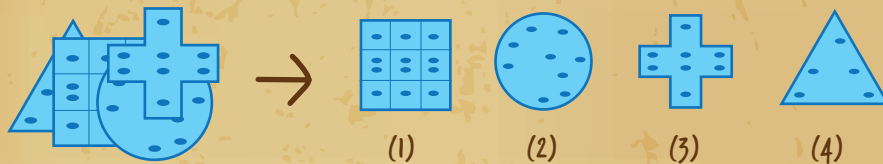
10 students like reading.

9 students like drawing.

5 students like reading and drawing.

Answer: 10

6. Which numbered figure is second when starting at the bottom of the pile?



Answer: 1

7. How many triangles are in the figure in the below?



Answer: 13

8. 7, 44, and 151 are symmetric numbers, which are read the same forward and backward. How many three-digit symmetric numbers are there that are between 300 and 450?

Answer: 15

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9. 4 pieces of gum and 3 lollipops cost 97 cents. If a piece of gum and a lollipop cost 28 cents, how much does a piece of gum cost?

Answer: 13

DIG SITE 2

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1. The prefix pre- means "before." Fill in the crossword using the words below that match each description. The root words will help you know what the words mean.

Prefix "Pre" Crossword Puzzle



Word Box

Predict	Preheat
Prepay	Prevent
Prepare	Preschool

Across

2. To set up before an event or competition
4. To stop something before it happens
5. Pay before you need to purchase an item

Down

1. To warm up the oven before cooking
2. The school before kindergarten
3. Guess before something happens

DIG SITE 2

Read the paragraph below and answer the questions.

Head of the Class

Jason is Tom's best friend. The two boys are in the same class. Jason is so funny that he always makes Tom laugh. And Tom really trusts Jason. Last week, Tom told Jason he should run for the head of the class. Jason has many friends among his classmates. He always tries to help them. So Jason decided to run for head of the class. Because he worked hard and his friends believed in him, he won! Now, Jason is the head of the class!



2. Why does Jason always make Tom laugh?

Jason always makes Tom laugh because he is funny.

3. Why do you think Tom told Jason to run for head of the class?

Tom told Jason to run because he really trusts him.

4. Do you think Jason will do a good job as the head of the class?
Explain why or why not.

Answer: Yes, I think Jason will do a good job because his friends believe in him.

DIG SITE 3

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1. 12 birds are as heavy as 2 dogs. 6 cats are as heavy as 3 dogs.
How many cats are as heavy as 9 birds?

Answer: 3

2. Jim, Peter, Sam, and Willy each have a dog. The dogs are Kala, Lulu, Pepe, and Toto. Use the provided information to find the name of Sam's dog.

When Jim's family was on vacation, Peter took care of Jim's dog Toto.
Sam's dog fought Pepe today; Willy's dog played with Pepe yesterday.
Lulu's owner is a friend of Willy's.

Answer: Lulu

3. Find the value of the ones place of the result when 2 is multiplied by itself 15 times.

Answer: 8

DIG SITE 3

4. How many 3-digit numbers can be made with the 4 number cards shown below? Each card can only be used once per 3-digit number combination.



Answer: 12

5. Use the information below to determine who won the race.

Dominic finished before James, but after Amelia.

Amelia finished before George.

George finished after James.

Answer: Amelia

6. A piece of ribbon that is 50 cm long is cut into two pieces. One of the pieces is 12 cm longer than the other one. What is the length of the smaller piece of ribbon?

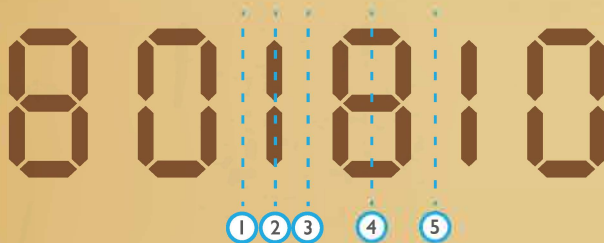
Answer: 19 cm

7. How many two-digit numbers are even and have a tens place greater than its one place?

Answer: 25

DIG SITE 3

8. Where would you place a mirror to see the number 801108?



Answer: 3

9. Michael always lies, and Frank always tells the truth. Daniel lies and tells the truth. Based off the information below, which person is represented by letter A?

A said: C is not Michael.

B said: A is not Daniel.

C said: B is Michael.

Answer: Daniel



DIG SITE 4

Answer Sheet



DIG SITE 5 Answer Sheet



DIG SITE 5

Answer Sheet

1. Which two color gumballs have an equal opportunity of being chosen?

Answer: Red and blue

2. Which color gumball are you most likely to get?

Answer: orange

3. What color are you least likely to get?

Answer: Green

4. What is the probability of getting a blue gumball (in simplest form)?

Answer: $4/20 = 1/5$

5. What is the probability of getting a purple one (in simplest form)?

Answer: $2/20 = 1/10$