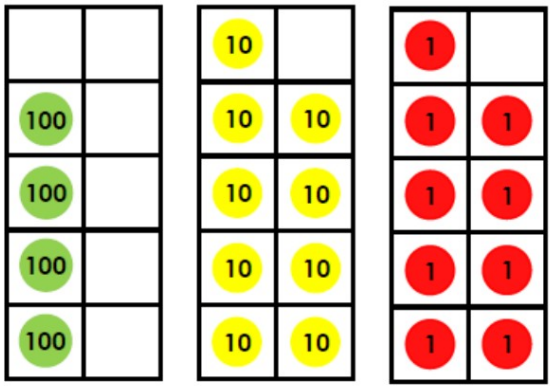
Step 1 - Chat to person next to you. What do you think the answers are? Why do you think this?
Step 2 - Share as a class - remember to say why you think that's the answer!

Read the Picture



This is 499

How will the picture change if I **add 100?**

How will the picture change if I **add 10?**

How will the picture change if I **add 1?**

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Different Ways

Answer each question in two different ways:

$\square - 7 = 11 - \square$

$\square - 7 = 11 - \square$

$24 - \square = \square + 17$

$24 - \square = \square + 17$

$36 - \square > 17 + \square$

$36 - \square > 17 + \square$

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Small Difference Questions

(a) There are 6 girls and 3 boys at the park.
How many children at the park?

(b) There are 6 girls at the shop. There are 3 times as many boys as girls at the shop. **How many boys at the shop?**

(c) There are 3 boys at the party. There are 6 times as many girls as boys at the party. **How many girls at the party?**

Compare the questions. What's the same? What's different?

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Small Difference Questions

70cm + 50cm = ☐ cm

90cm + 50cm = ☐ m and ☐ cm

90cm + ☐ cm = 1m and 70cm

90cm + ☐ cm = 150cm

90mm + ☐ cm = 15cm

Do in different ways: ☐ cm + ☐ cm = 1m and 30cm

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Different answers

I have less than 50p.

You need at least 5 coins to make this amount of money.

How much money do I have?

Level 1: I can find a possible amount

Level 2: I can find different possible amounts

Level 3: I have found all the possible amounts

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Rank by Difficulty

Answer the questions. Then, order them by difficulty:

(a) What is the time 3 hours before 1:30pm?

(b) What is the time 7 hours after 1:30pm?

(c) It is 9 hours after 2:00pm What is the time?

(d) It is 6 hours before 2:00pm. What is the time?

Question… was hardest because…
There were fewer steps to calculate… as…

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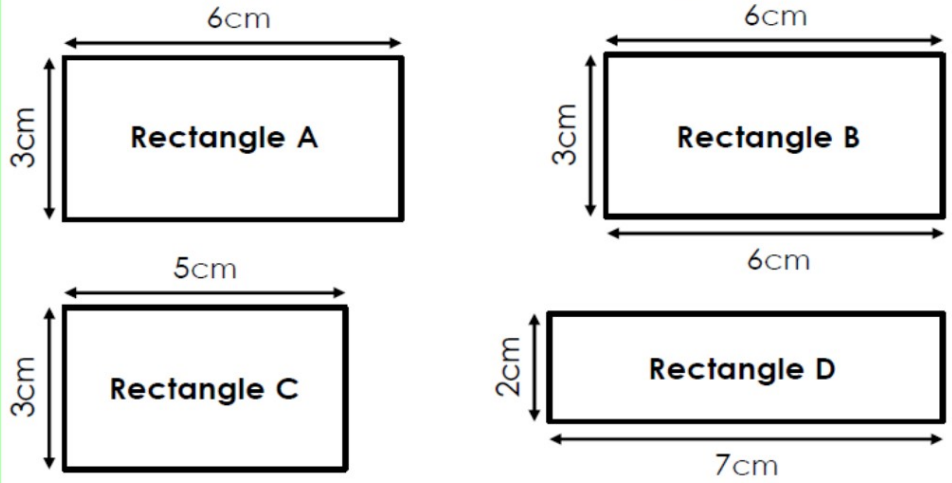
Small Difference Questions

Calculate the perimeter of each rectangle:



The perimeter of rectangles… is the same because…
The difference between the perimeter of… is… because…

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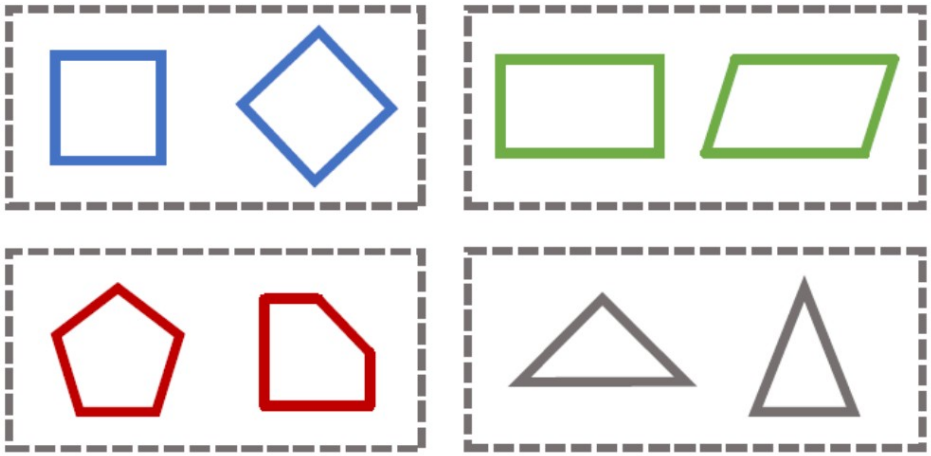
Explain

What's the same? What's different?



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Which graph?

For each example, should the data should be presented as a bar graph or a line graph?

Types of pets owned by children in the class.

Height of a sunflower measured over 2 weeks.

Today's temperature, measured every hour.

Number of children at each after-school club.