Name: _____

properties of odd and even numbers

Henry added two even numbers. Which is the only possible answer?

3429 ◯ 3298 ◯ 6799 ◯ 8665 ◯

recognize numbers to at least tens of thousands

The table shows crowd attendances for a five day sporting event.

Day	Number
Monday	30 246
Tuesday	27 998
Wednesday	28 405
Thursday	30 199
Friday	29 996

On which day did the most number of people attend? _____

On which day did between 27 000 and 28 000 people attend? _____

On which day did the least number of people attend? _____

apply place value to partition numbers

Which one equals 6798?

◯ 600 + 70 + 90 + 8 ◯ 6000 + 700 + 90 + 8

◯ 6000 + 70 + 9 + 8 ◯ 6000 + 700 + 9 + 8

number sequences

Write the missing numbers for each pattern.

a) 6, 12, 18, _____, 30, 36, _____, 48, _____, 60

b) 9, 18, 27, _____, 45, 54, _____, 72, _____, 90

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number sequences

Circle the incorrect number in each pattern.

a) rule: multiples of 4

4, 8, 12, 16, 20, 24, 26, 32, 36, 40

b) rule: multiples of 8

8, 16, 24, 32, 40, 44, 56, 64, 72, 80

---

addition, subtraction, multiplication and division

a) 36 + 57 = _____

b) 125 + 338 = _____

c) 36 + 134 + 1000 = _____

d) 68 - 43 = _____

e) 92 - 48 = _____

f) 263 - 5 = _____

g) 1000 - 350 = _____

h) 8 x 4 = _____

i) 6 x 3 = _____

j) 7 x 6 = _____

k) 8 x 8 = _____

l) 7 x 7 = _____

m) 9 x 4 = _____

n) 9 x 9 = _____

o) 35 ÷ 5 = _____

p) 45 ÷ 9 = _____

q) 36 ÷ 4 = _____

r) 142 ÷ 2 = _____

s) 245 ÷ 7 = _____

t) 360 ÷ 9 = _____

Circle all the ones that make 100.

20 x 5	50 x 4	15 x 8	30 x 3	25 x 4
10 x 10	9 x 9	30 x 5	50 x 2	100 x 0

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equivalent fractions

Joey ate half a pizza. Who ate the same amount?

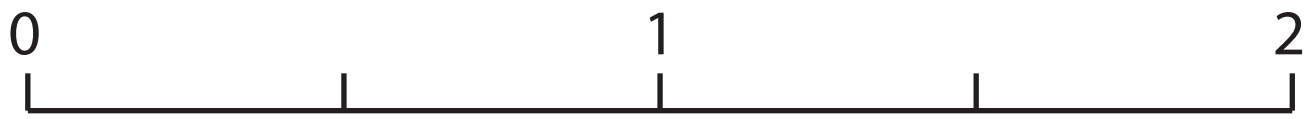
- ◯ Sally ate two-eighths.
- ◯ Sue ate four- eighths.
- ◯ Ali ate six-eighths.
- ◯ Aria ate five-eighths.

---

fractions on a number line

Write each fraction on the number line.

$^1/_2$	$1\,^1/_2$	$1\,^1/_3$	$^3/_4$	$1\,^6/_8$



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fractions on a number line

Match each fraction to its decimal.

$3\,^1/_2$	$3\,^1/_4$	$3\,^1/_3$
3.25	3.5	3.33

---

calculate the cost and change for a simple transaction

The price of each item is shown.

$3.60

$2.10

$1.85

a) What is the cost of a loaf of bread and two cartons of milk? _____

b) Amber bought a block of butter and a carton of milk.

What's her change from $10.00? _____

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describing number patterns

Describe each pattern.

pattern 1: 6, 12, 18, 24, 30, 36, 42

_____

pattern 2: 2, 4, 8, 16, 32, 64

_____

solving number problems

a) There are 8 teams in a basketball tournament. If each team has 9 players, how many players in the tournament? _____

b) 72 students are divided into 8 equal teams. How many students in each team? _____

c) Each packet of muffins contains 6 muffins.

Mrs Smith wants to give one muffin to each of 50 students.

What is the least number of packets that she needs to buy? _____

find unknown quantities in number sentences

Which number will make each equation correct.

a) 7 + ____ = 20

c) 20 - 8 = ____ - 3

b) 6 + 8 = 7 + ____

d) 12 + 12 = 30 - ____

e) A class of students are divided into six groups of five.

If the same number of students are divided into groups of three, how many groups will there be? _____

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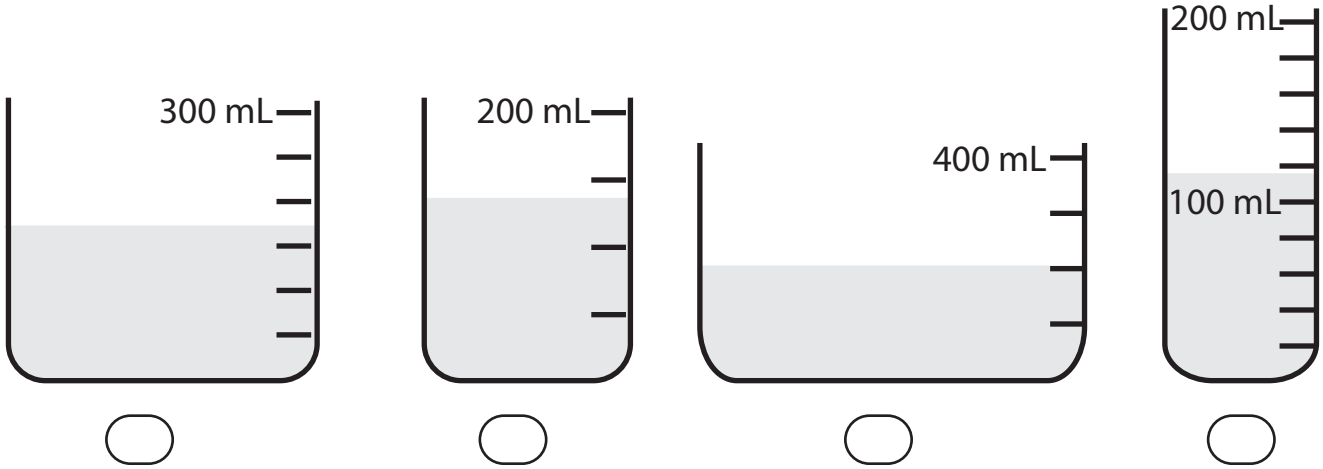
comparing capacity

Which container has the most liquid?



converting between units of length

a) Ribbon is sold in 25 cm strips. Each strip costs 40c.

How much will Mark pay for 2 m of ribbon? _____

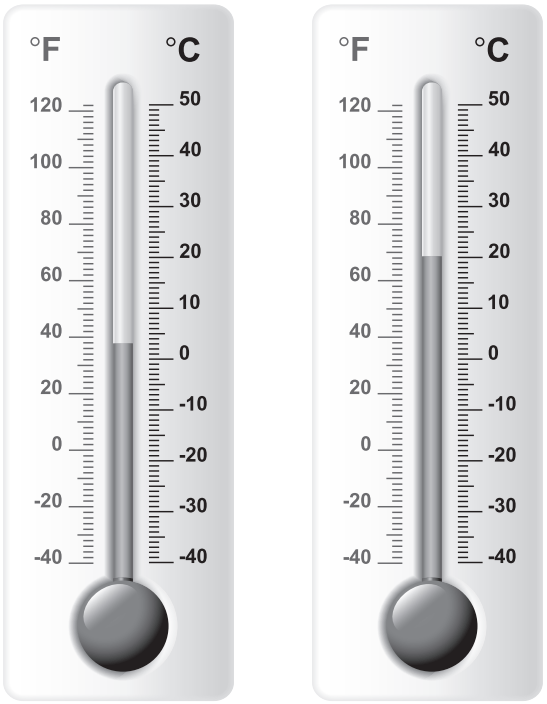
b) Sharon bought a 4 m long rope. How many 80 cm lengths of rope can she cut? _____

using a thermometer to measure temperature

Shown is the day's minimum and maximum temperature.

What is the difference between the minimum and maximum temperature?

20°C 17°C 14°C 12°C



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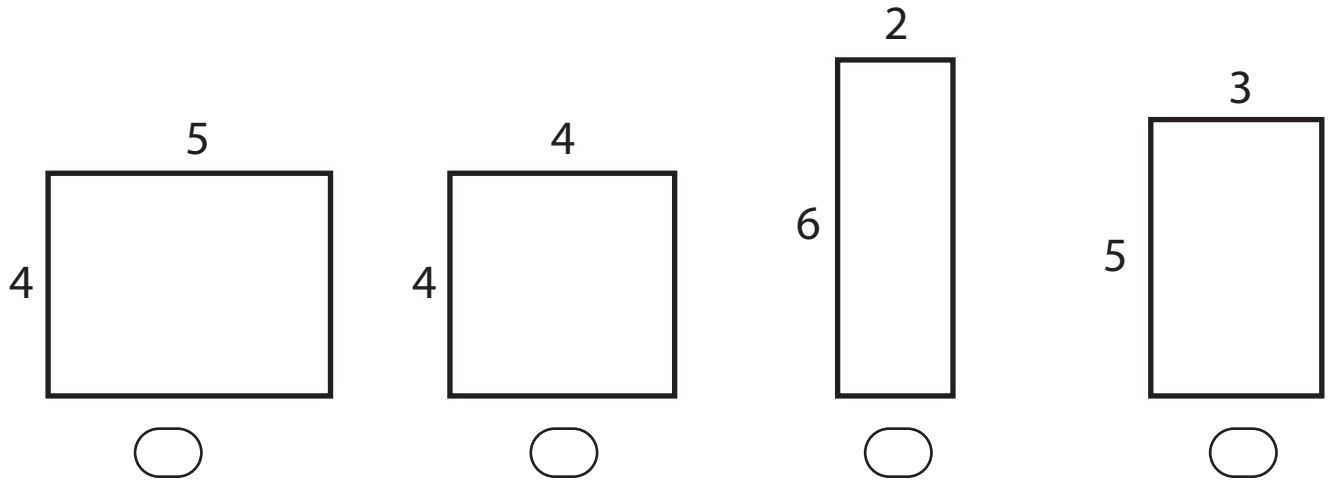
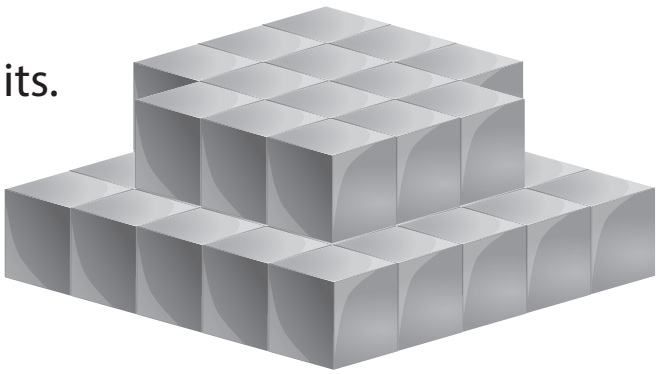
comparing shapes using metric units of area

Which shape has an area of 20 square units?



metric units to measure volume

This object has a base of 25 cubic units.
Each cube has a volume of
1 cubic unit.
How many more cubes are
needed to make an object
with a volume of 50 cubic units? _____



converting between units time

a) Pina completed a lap of the course in 180s.

How many minutes did it take? _____

b) The time it took each competitor to complete the same race is shown. Who won the race?

600 seconds | 12 minutes 40 seconds | a quarter of an hour

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use 'am' and 'pm' to solve problems

This is a train timetable for an express train from Narwhen to the city.

Departs	Arrives
10:30 am	11:12 am
11:17 am	12: 02 pm
1:16 pm	2:00 pm
3:08 pm	3:53 pm
4:26 pm	5:08 pm

a) Mary needs to be in the city by 2:15 pm.
What time does the latest train that she can catch leave? _____

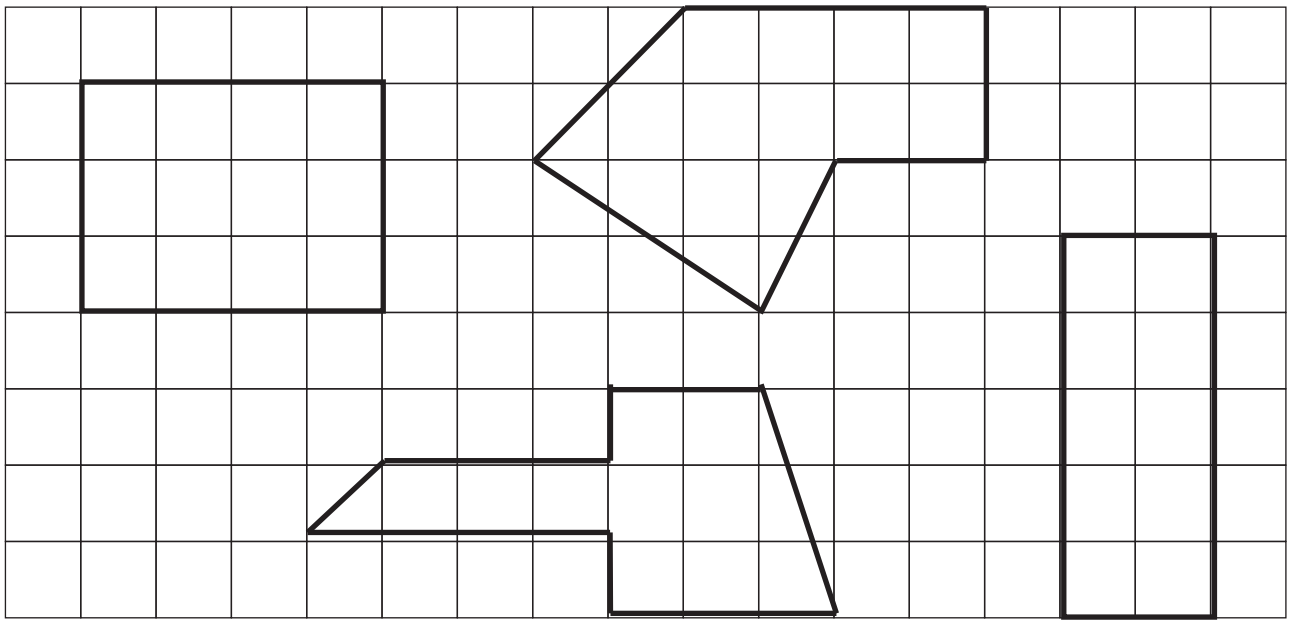
b) How long does the 3:08 pm train take to reach the city? _____

c) Most trains take around the same time for the journey. About what time will a train that leaves at 5:36 pm arrive in the city? _____

5: 55 pm ⬭ 6:01 pm ⬭ 6:21 pm ⬭ 7:02 pm ⬭

compare area by informal means

Shade the shape that has the 'greatest' area?



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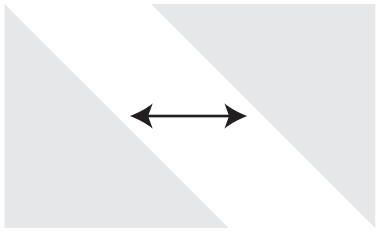
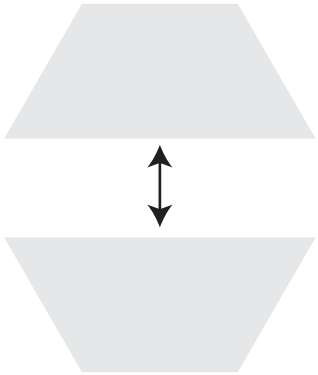
compare and describe two dimensional shapes



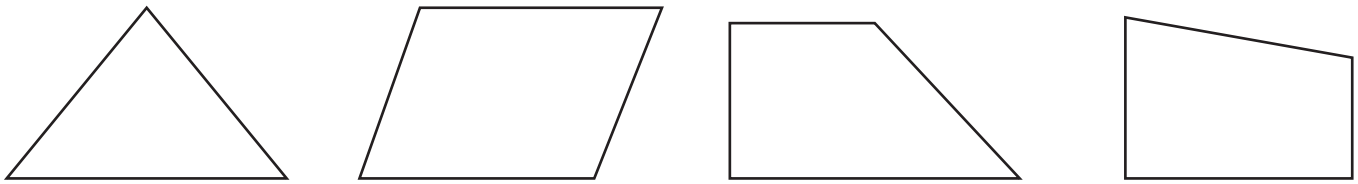
Two identical triangles are joined as shown.
Name the shape that's created: _____



Two identical shapes are joined as shown.
Name the shape that's created: _____

How many angles will the shape have? _____

Which shape has **two** sets of parallel sides?



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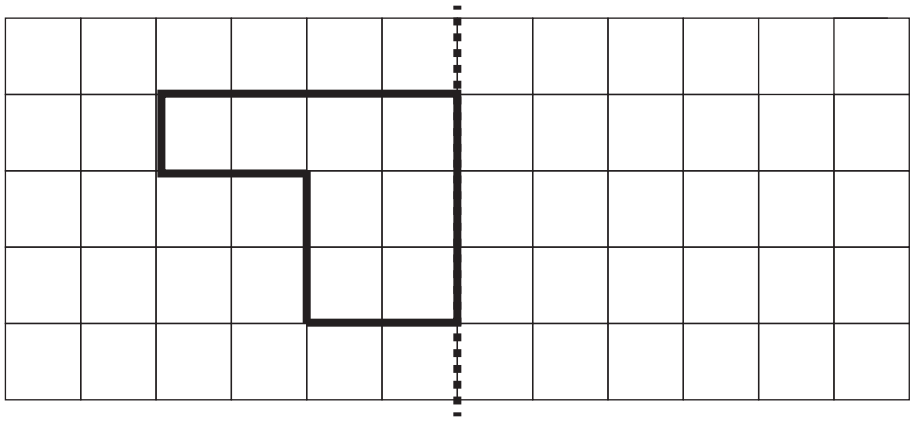
create symmetrical patterns and shapes

The first half of the picture is complete.
Complete the second half to create a symmetrical picture.

line of symmetry



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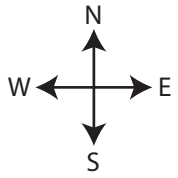
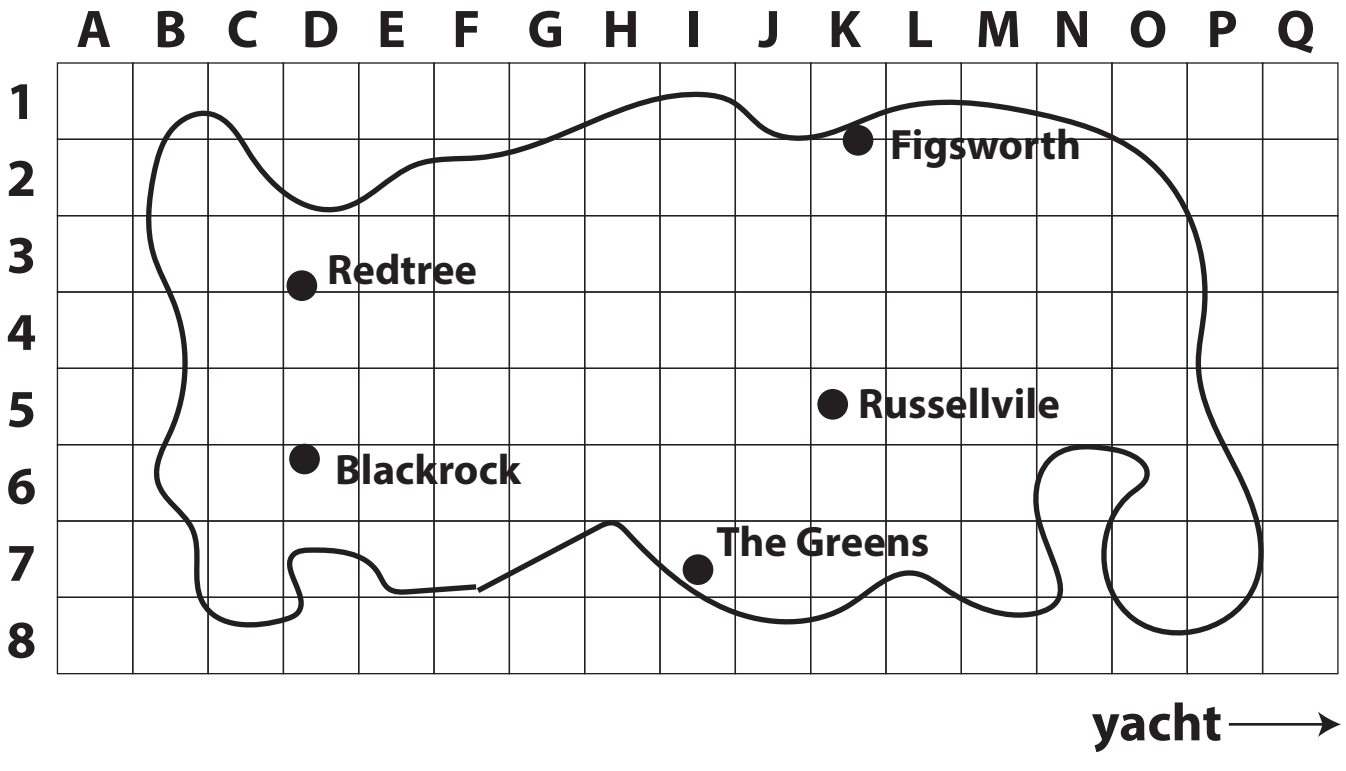
interpret simple maps



A map of the island of Boha is shown.



a) Which is the most northerly town on the island? _____

b) Which town is located at K,5? _____

c) What would be the yacht's coordinates? _____

d) Blackrock is 22 km south of Redrock?
About how far is Russellvile from Figsworth? _____
How did you work this out?

_____

_____

_____

e) Add the town of 'Noona' at G,4.

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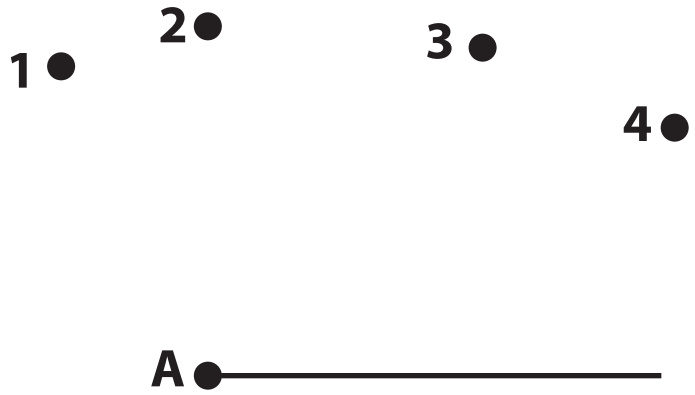
comparing angles



a) To draw a right angle you need to draw a line from 'dot A' to:

dot 1	dot 2	dot 3	dot 4
◯	◯	◯	◯

b) Draw a line from 'dot A' to either dots 1, 2, 3 or 4 to form an angle that's **greater** than a right angle.

chance

These cards are flipped over then rearranged.

8	5	4	4	3	8	4	1	7	1

a) You are asked to choose one card.
Which number is most likely to be chosen _____

b) The number 7 is chosen as the first card. Which cannot be chosen as the second card?

◯ number 8 ◯ number 7

◯ number 5 ◯ number 4

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chance of events occurring

Jenny is an average 10 year old child. She is at school today.
Today, rate the chances of each event occurring from 1 to 4.
1 being the most likely and 4 being the least likely.

- ☐ Jenny will walk home from school.
- ☐ Jenny will go home because she's feeling sick.
- ☐ Jenny will have a lunch break.
- ☐ Jenny will do High School level science.

Andrew flips a coin that has a head and a tail side.
He flips the coin three times landing a head on the first attempt.
Which cannot occur?

- ◯ He lands three heads.
- ◯ He lands three tails.
- ◯ He lands two heads and one tail.
- ◯ He lands a tail on the second then a head on the third.

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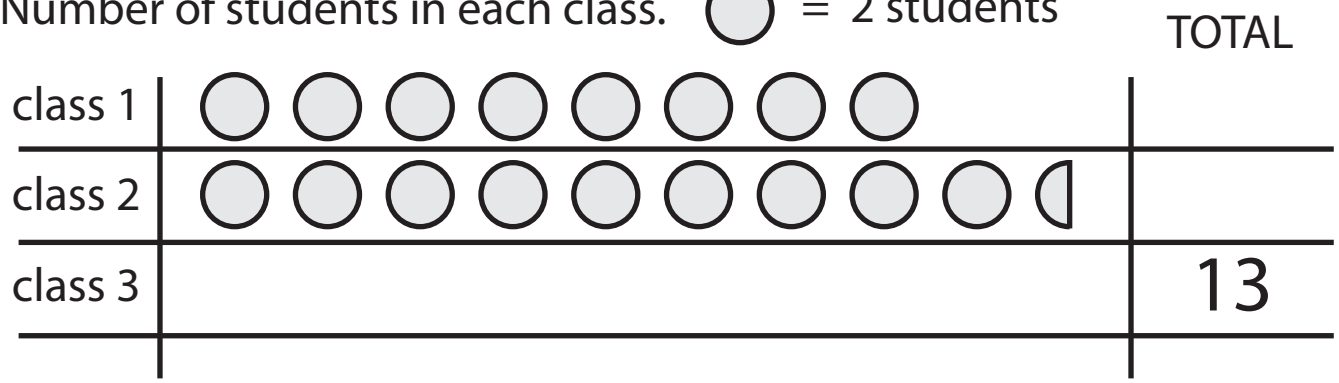
read and construct a picture graph

Number of students in each class. ◯ = 2 students



Complete the graph by writing the totals for classes 1 and 2.
Draw the symbols for class 3.

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reading tables

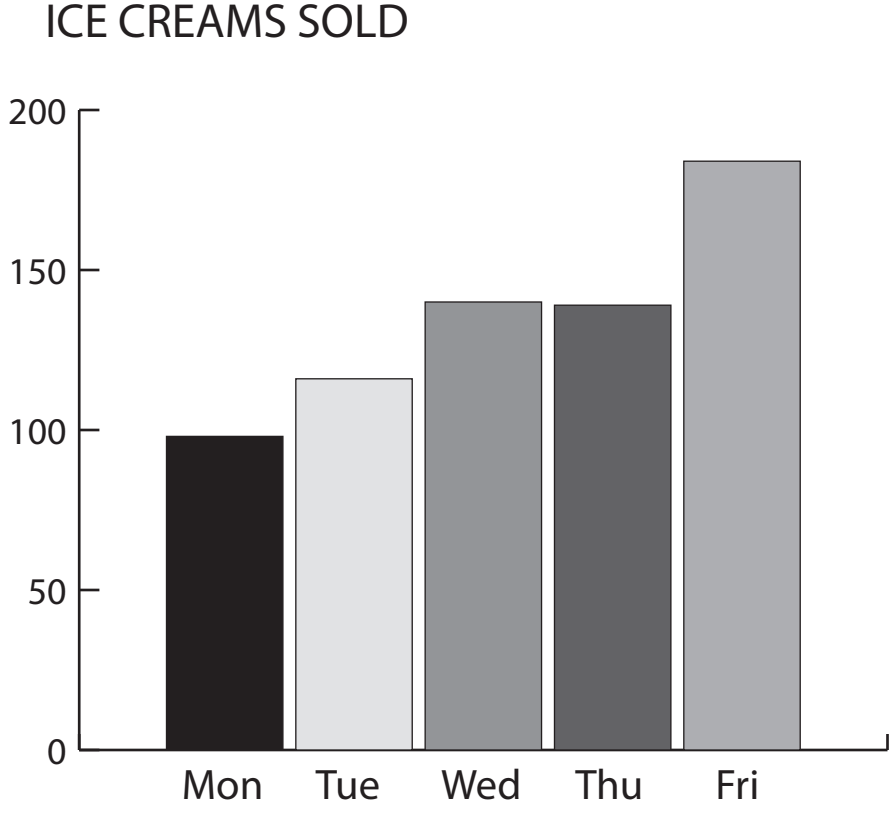
The table shows ice cream sales for the week by the time of day.

DAY	morning	afternoon	evening
Monday	20	33	45
Tuesday	15	45	56
Wednesday	41	43	56
Thursday	19	50	70
Friday	48	52	84

a) On which day were the most ice creams sold? _____

b) How many ice creams were sold on Thursday afternoon? _____

c) How many more ice creams were sold on Tuesday evening than in the morning? _____



a) On which two days were a similar number of ice creams sold?

_____

_____

b) On which day were between 100 and 125 ice creams sold?

_____

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