MCS

Age 10

Maintaining Concepts and Skills in Mathematics

Sample Worksheets

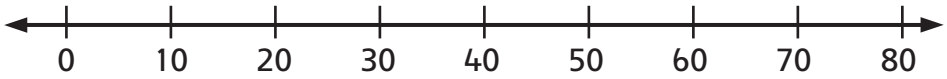
Allan Turton • James Burnett

ORIGO EDUCATION

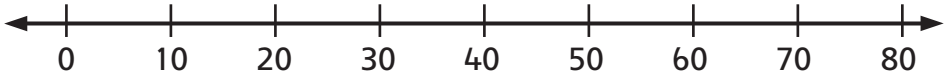
Worksheet 1 | Name _____ | Date _____

1. Write the answer. Then draw jumps to show how you worked it out.

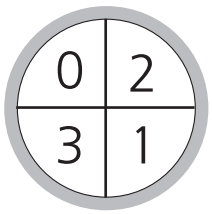
a. 18 + 35 = _____

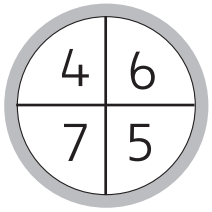


b. 27 + 44 = _____



2. Imagine a dart hit each target and you added the numbers.





a. What is the **greatest** total possible? _____

b. What is the **least** total possible? _____

c. List the different ways to get a total of 7. _____

_____

d. List 2 totals less than 10 that are **impossible**. _____ _____

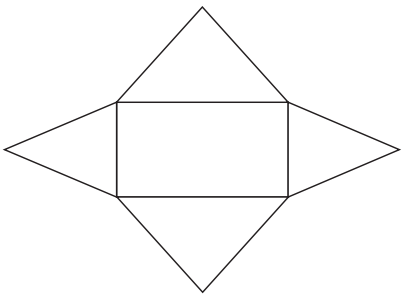
3. Write these as digital times. Loop **a.m.** or **p.m.**

a. Twenty minutes past seven in the morning [:] **a.m. p.m.**

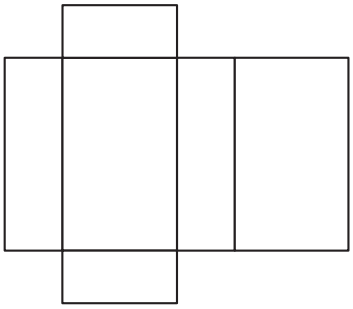
b. Thirty-five minutes past three in the afternoon [:] **a.m. p.m.**

c. Ten minutes to eight in the evening [:] **a.m. p.m.**

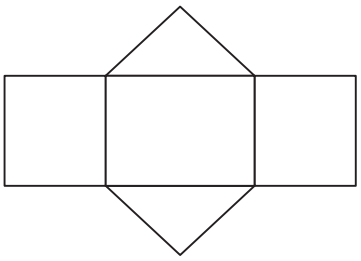
4. Write if you think each net will make a **prism** or a **pyramid**.



a. _____



b. _____



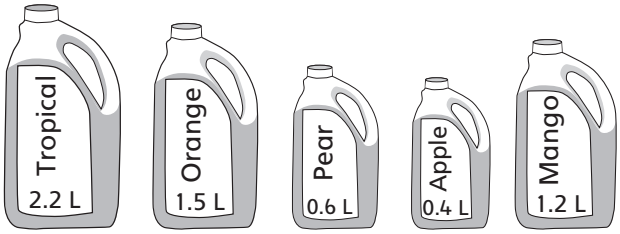
c. _____

SAMPLE

© 2008 ORIGO Education

Worksheet 2 **Name** _____ **Date** _____

1.



a. Which two bottles have a total of 1.8 litres?

_____

b. Which three bottles have a total of 2.5 litres?

_____

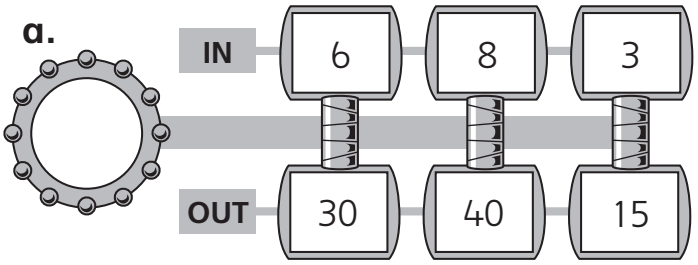
_____

c. How many bottles of apple juice make two litres?

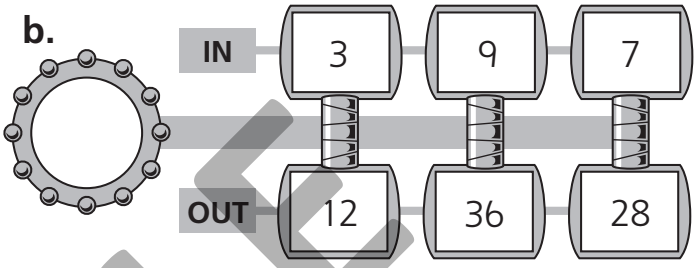
_____

2. Write the rules.

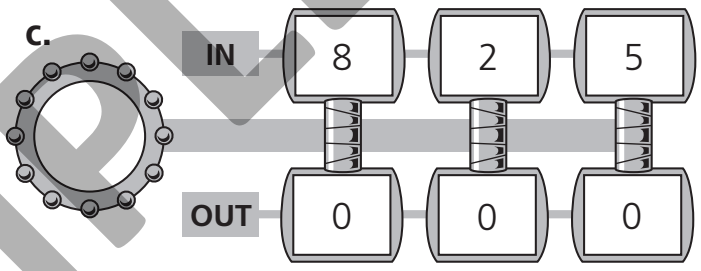
a.



b.

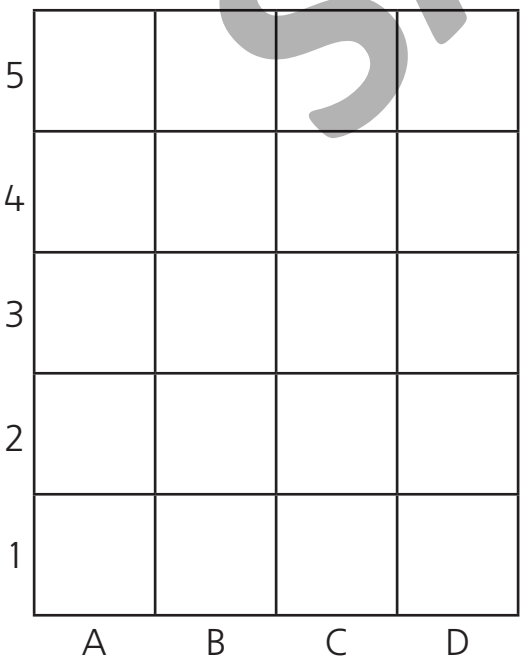


c.



3. Colour the squares for these grid references. You will see a pattern.

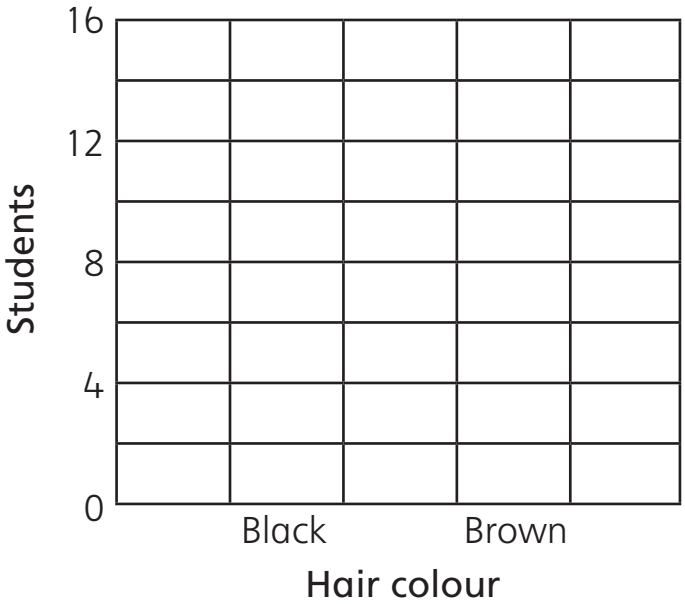
A5	C3	B2	C5	A1
A4	D3	A2	C1	B4



4. Construct a vertical bar (column) graph to show this data.

Hair colour	Black	Brown
Students	10	16

Hair Colour in Mr Smith's Class



SAMPLE

© 2008 ORIGO Education

Worksheet 3 | Name _____ | Date _____

1. Write the matching number words.

a. 7349

_____

_____

_____

b. 5216

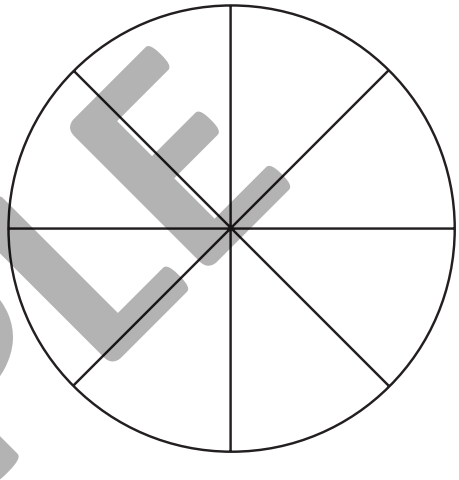
_____

_____

_____

2. Colour the spinner to match **all** these clues.

- Red is **more likely** than blue.
- Blue is **less likely** than yellow.
- Yellow and red are **equally likely**.



3. Use a calculator to find the missing number. Then write the keys you pressed on the calculator.

a. **137 + _____ = 215**

_____

b. **_____ – 456 = 78**

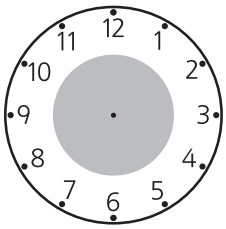
_____

c. **386 – _____ = 179**

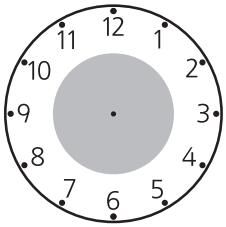
_____

4. Draw clock hands to show the matching times.

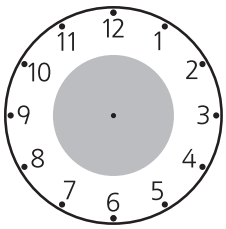
a. Fifteen minutes past four



b. Five minutes to nine



c. Ten minutes to seven



SAMPLE

© 2008 ORIGO Education

Worksheet 4 **Name** _____ **Date** _____

1. Multiply the number in Column A by 10. Then subtract the number in Column B. Write the answer in Column C.

	A	B	C
a.	3	4	
b.	8	2	
c.	5	9	
d.	7	3	

	A	B	C
e.	4	8	
f.	9	5	
g.	6	10	
h.	10	7	

2. Rewrite these in order from **least** to **greatest**.

a. 1.3 L 900 mL 50 mL 4.9 L

_____, _____, _____, _____

b. 2.8 m 12 cm 70 cm 0.6 m

_____, _____, _____, _____

3. Press these keys on a calculator. Write each number that appears when you press [=].

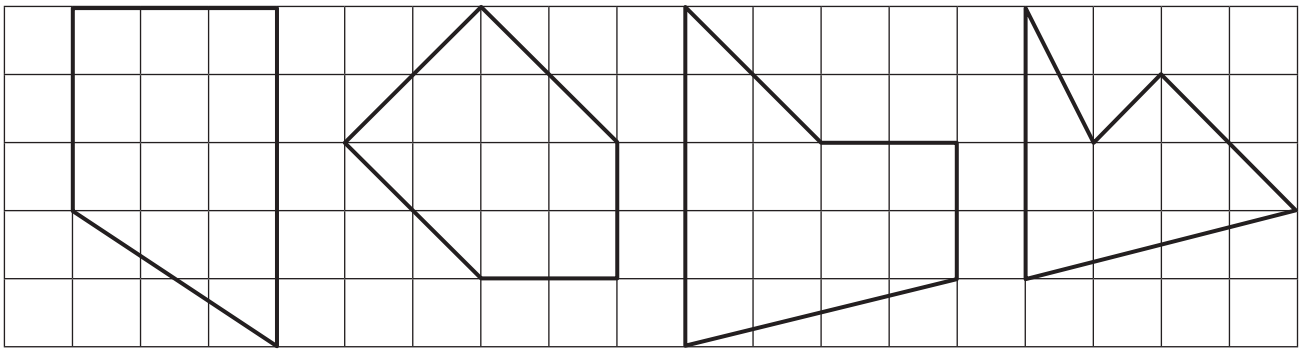
[0] [+] [0] [.] [5] [=] [=] [=] [=] [=] [=]

_____ _____ _____ _____ _____ _____

Write about the pattern you see. _____

_____

4. Use the right-angle symbol to mark the right angles in each shape.



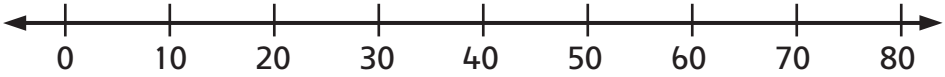
SAMPLE

© 2008 ORIGO Education

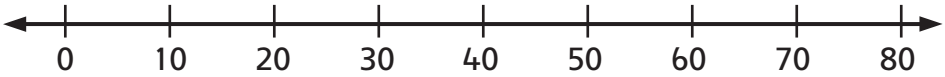
Worksheet 5 | Name _____ | Date _____

1. Write the answer. Then draw jumps to show how you worked it out.

a. 76 – 58 = _____



b. 63 – 47 = _____



2. There are 40 biscuits in a packet. Only one biscuit is eaten each day.

a. If the packet is opened on 3 February, on what **day** will the last biscuit be eaten?

_____

b. If the last biscuit is eaten on 28 March, what **date** was the first one eaten?

_____

FEBRUARY						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

3. Loop together coins that show whole dollars or add to whole dollars. Then complete the sentences.

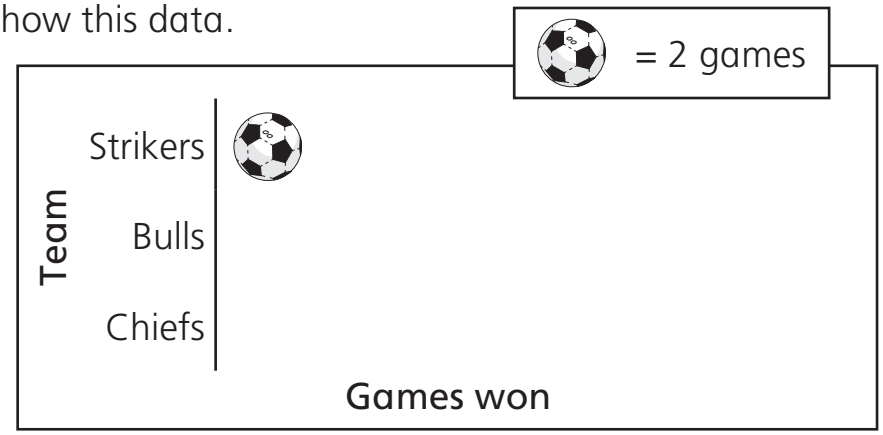
There are _____ dollars

and _____ cents left over.

The total is $ _____.

4. Construct a picture graph to show this data.

Team	Games won
Strikers	10
Bulls	4
Chiefs	12



SAMPLE

© 2008 ORIGO Education