

Reception and Year 1 Comparison and Measures, Unit 1 (R1382)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y1 Capacity Sheet 1

Working towards ARE / Working at ARE

Working towards ARE may need some support reading the instructions.

Day 1 Y1 Capacity Sheet 2

Greater Depth

Day 2 Y1 Comparing and ordering capacity Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Give children support with reading questions as necessary.

Day 3 Y1 Comparing capacities Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Give children support with reading questions as necessary.

Day 4 Y1 Find the difference between each pair of towers Sheet 1

Working towards ARE / Working at ARE

Children can use cubes to make towers.

Day 4 Y1 Find the difference between each pair of towers Sheet 2

Greater Depth

Day 5 Y1 Find the differences sheet 1

Working towards ARE

Children may use cubes to support.

Day 5 Y1 Find the differences Sheet 2

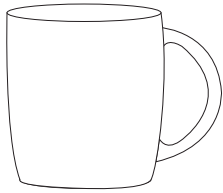
Working at ARE \ Greater Depth

Working at ARE may use cubes to support.

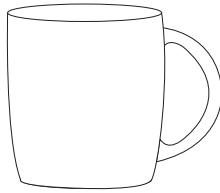
Capacity

Sheet 1

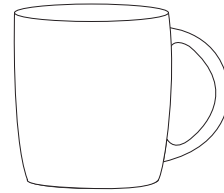
Draw a line to show how much water would be in each container.



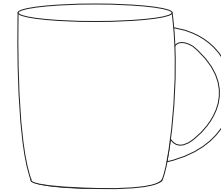
Full



Nearly full



Half full



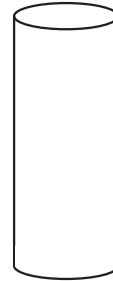
Nearly empty



Full



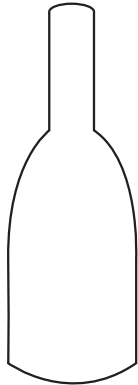
Nearly full



Half full



Nearly empty



Full



Nearly full



Half full

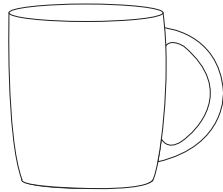


Nearly empty

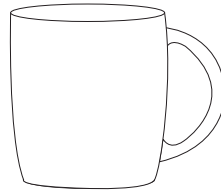
Capacity

Sheet 2

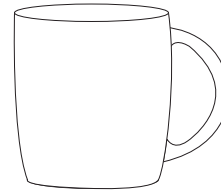
Draw a line to show how much water needs to be in each container.



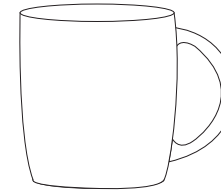
Full



Nearly empty



Half full



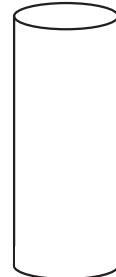
Nearly full



Nearly empty



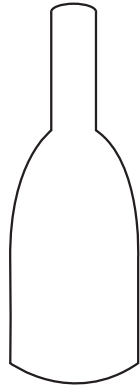
Full



Half full



Nearly full



Nearly full



Half full



Full

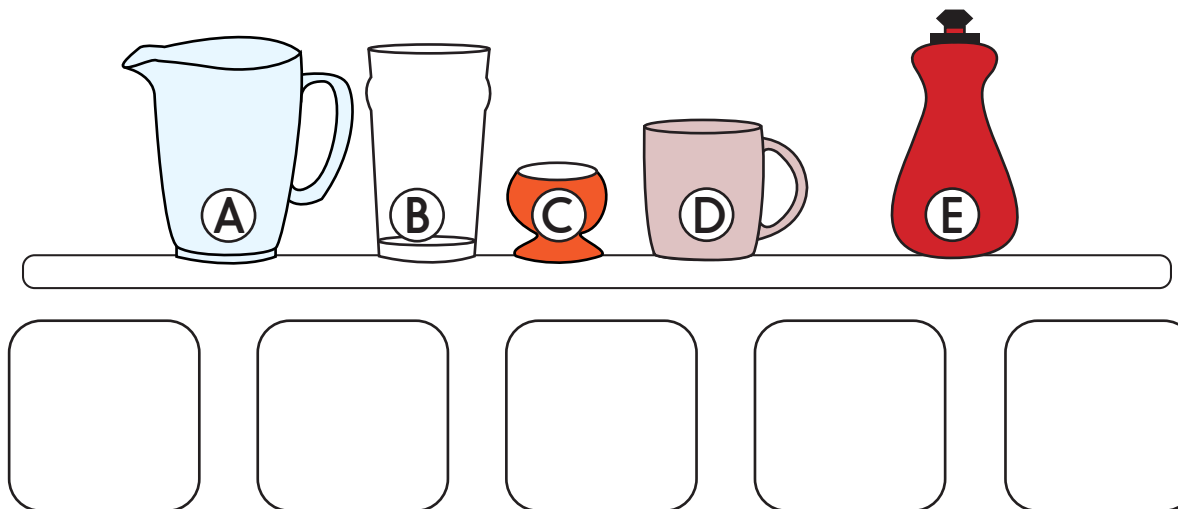


Nearly empty

Comparing and ordering capacity

Sheet 1

Order the containers from the one that holds the most to the one that holds the least.
Put the letters in the boxes below:



Now answer these questions:

Which containers hold more than the mug?

Which containers hold less than the pint glass?

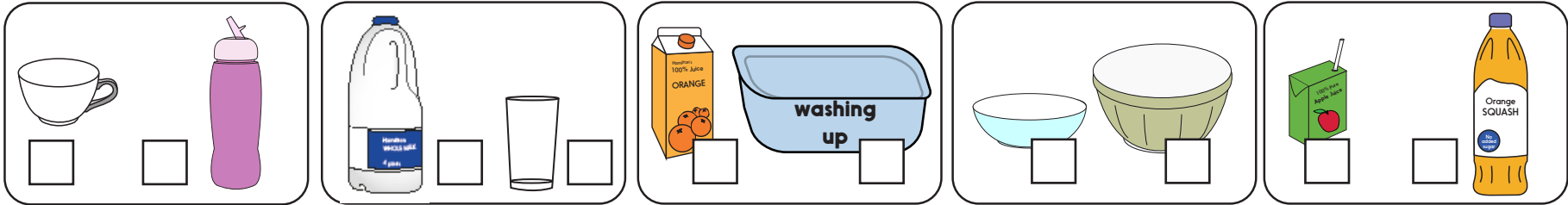
Can you think of a container that might hold more than the jug?

Can you think of a container that holds less than the egg cup?

Comparing capacities

Sheet 1

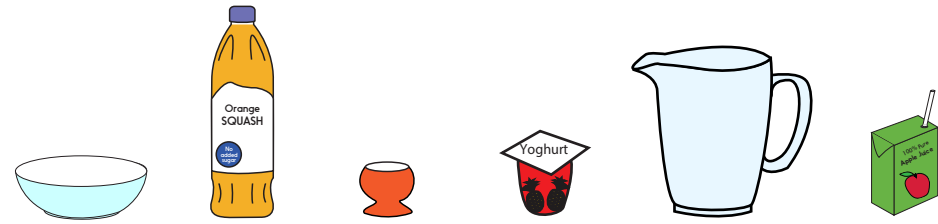
1. Which container has the biggest capacity? Tick the one you think holds the most water.



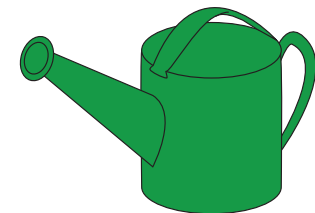
2. Circle the containers that would hold **more** than a glass of water.



3. Circle the containers that would hold **less** than a school water bottle?



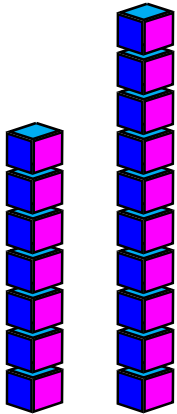
4. Draw containers that would hold **more** water than this watering can.



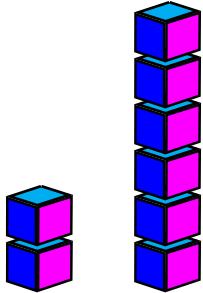
Find the difference between each pair of towers

Sheet 1

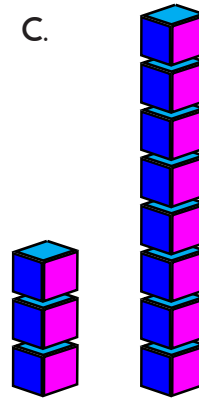
A.



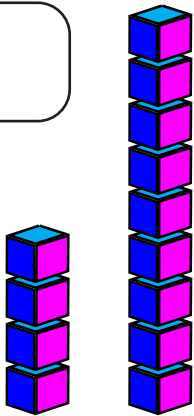
B.



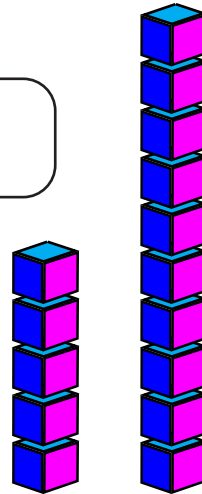
C.



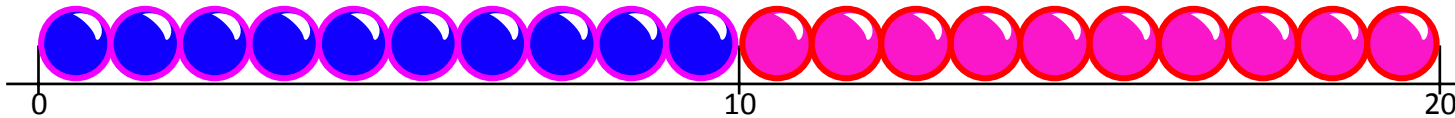
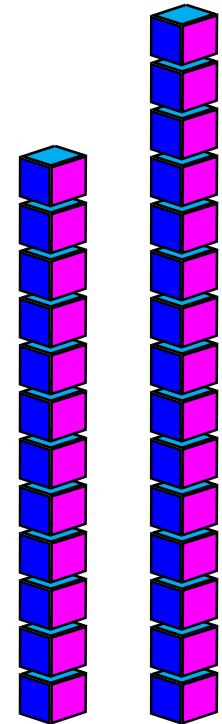
D.



E.



F.



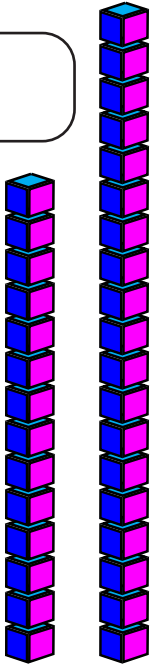
Challenge

Draw a pair of towers on some squared paper that has a difference of 6.

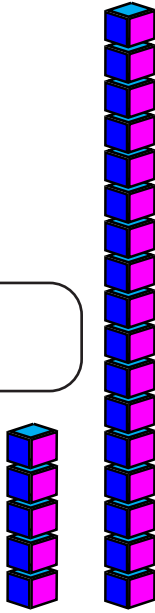
Find the difference between each pair of towers

Sheet 2

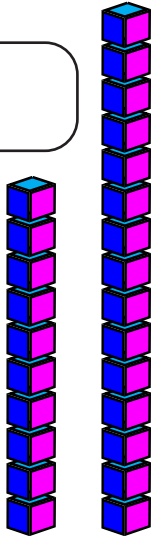
A.



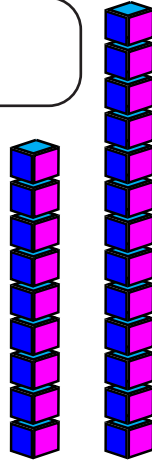
B.



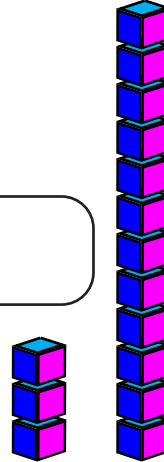
C.



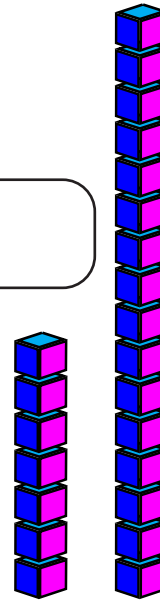
D.



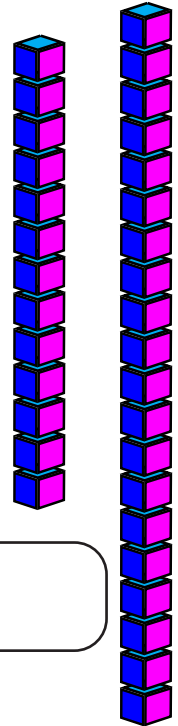
E.



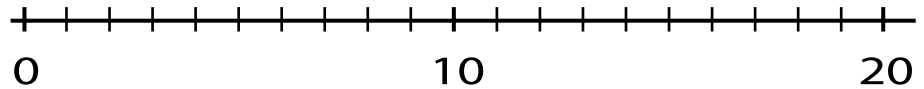
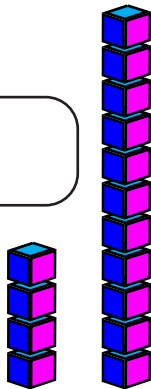
F.



G.



H.



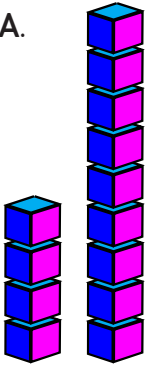
Challenge

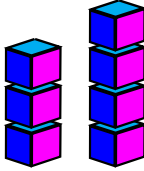
Draw a pair of towers, using exactly 20 cubes, that has a difference of 5.

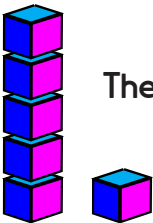
Find the differences!

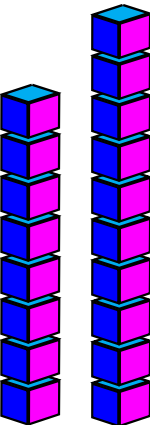
Sheet 1

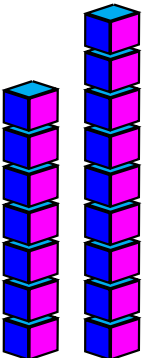
Find the difference between each of the sets of towers:

A.  The difference is

B.  The difference is

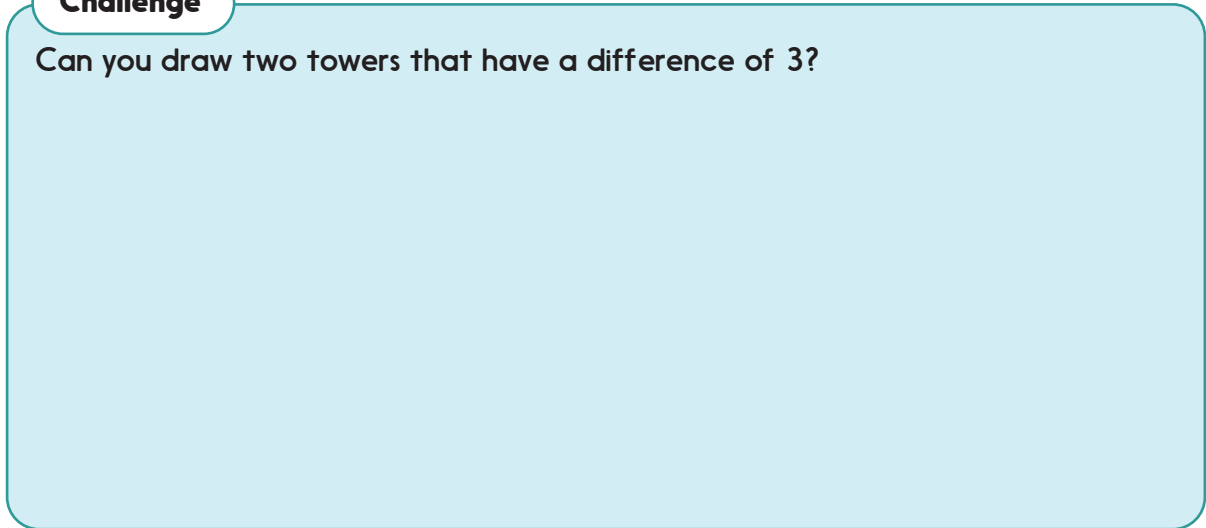
C.  The difference is

D.  The difference is

E.  The difference is

Challenge

Can you draw two towers that have a difference of 3?

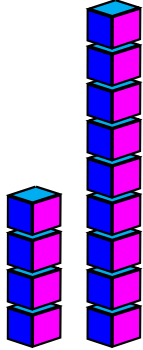


Find the differences!

Sheet 2

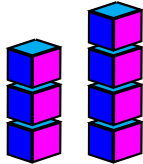
Find the difference between each of the sets of towers:

A.

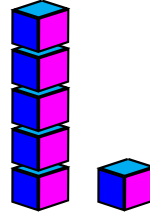


The difference is

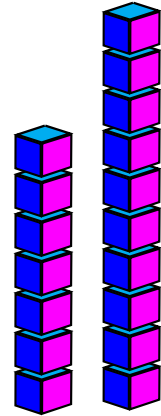
B.



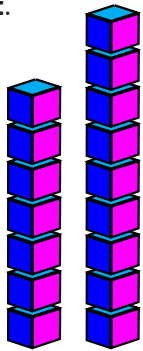
C.



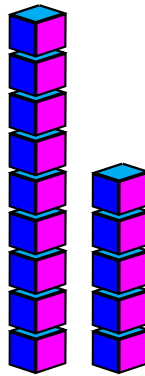
D.



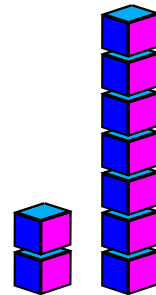
E.



F.



G.



1. Which pair of towers has the biggest difference?
2. Which pair of towers has the smallest difference?
3. Which towers have a difference of 2?
4. Which of these towers have a difference of 4?

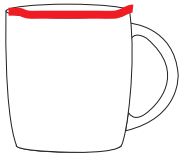
Challenge

Draw two more pairs of towers that have a difference of 4 - one pair that uses 8 cubes and one pair that uses 10 cubes.

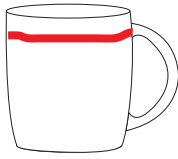
Comparison and Measures

Answers

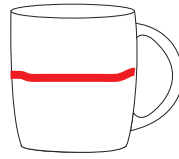
Day 1 Y1 Capacity Sheet 1



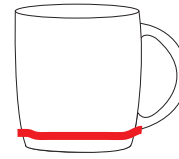
Full



Nearly full



Half full



Nearly empty



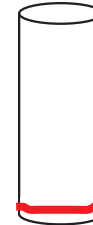
Full



Nearly full



Half full



Nearly empty



Full



Nearly full

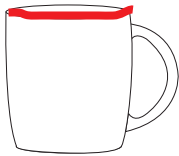


Half full

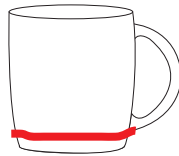


Nearly empty

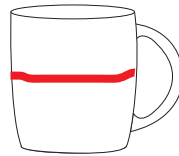
Day 1 Y1 Capacity Sheet 2



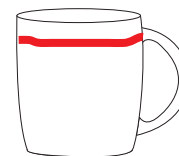
Full



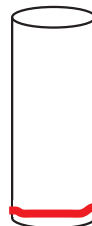
Nearly empty



Half full



Nearly full



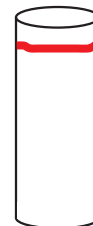
Nearly empty



Full



Half full



Nearly full



Nearly full



Half full



Full

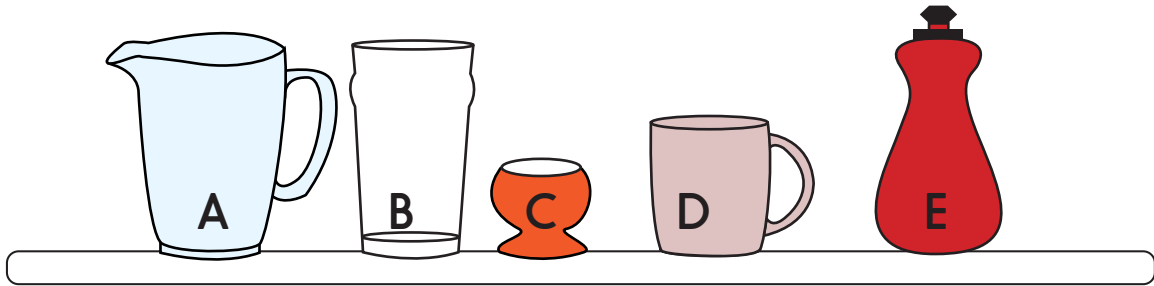


Nearly empty

Comparison and Measures

Answers

Day 2 Y1 Comparing and ordering capacity Sheet 1



Order from the most to the least capacity: **A, B, E, D, C**

Which containers hold more than the mug? **A, B, E**

Which containers hold less than the pint glass? **C, D, E**

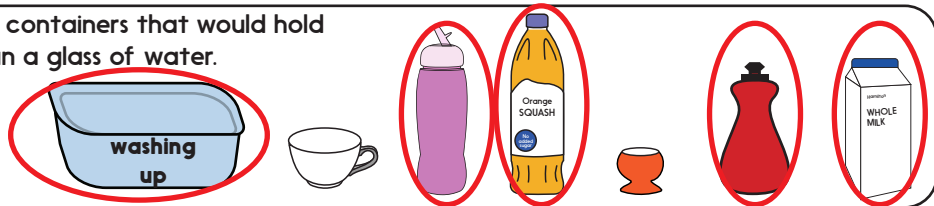
Can you think of a container that might hold more than the jug? **e.g. bucket**

Can you think of a container that holds less than the egg cup? **e.g. thimble**

Day 3 Y1 Comparing capacities Sheet 1



Circle the containers that would hold **more** than a glass of water.

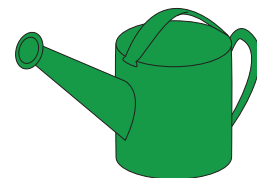


Circle the containers that would hold **less** than a school water bottle.



Draw containers that would hold **more** water than this watering can.

e.g. a bath, swimming pool, water trough, etc.



Comparison and Measures

Answers

Day 4 Y1 Find the difference between each pair of towers Sheet 1

- A. 3
- B. 4
- C. 5
- D. 5
- E. 5
- F. 3

Challenge

Children should draw pairs of towers that have a difference of 6, e.g. 4 and 10 cubes, 2 and 8 cubes, etc.

Day 4 Y1 Find the difference between each pair of towers Sheet 2

- A. 5
- B. 12
- C. 5
- D. 4
- E. 9
- F. 9
- G. 7
- H. 7

Challenge

Using exactly 20 cubes children should draw towers of 15 and 5 cubes.

Day 5 Y1 Find the differences! Sheet 1

- A. The difference is 5.
- B. The difference is 1.
- C. The difference is 4.
- D. The difference is 2.
- E. The difference is 2.

Challenge

Children should draw pairs of towers that have a difference of 3, e.g. 4 and 7 cubes, 2 and 5 cubes, 7 and 10 cubes, etc.

Day 5 Y1 Find the differences! Sheet 2

- A. The difference is 5.
- B. The difference is 1.
- C. The difference is 4.
- D. The difference is 3.
- E. The difference is 2.
- F. The difference is 4.
- G. The difference is 5.

1. Tower pairs **A** and **G** have the biggest difference, both being 5.
2. Tower pair **B** has the smallest difference, of 1.
3. Tower pair **E** has a difference of 2.
4. Tower pair **F** has a difference of 4.

Challenge

Using exactly 8 cubes children should draw towers of 6 and 2 cubes as these have a difference of exactly 4 cubes.

Using exactly 10 cubes children draw towers of 7 cubes and 3 cubes, as these have a difference of exactly 4 cubes.