

# Year 4 SUPPORT Maths

Remote learning

Week beginning

Monday 1st

February 2021

This pack contains:

- Completed activity for teaching
- 5 lessons with tasks

You will then need to bring in your homework book when you return to school. The teacher will then be able to give you feedback on the work.

# Lesson 1 - Teaching

Starter: Can I choose g or kg?

Which unit would you choose to weigh these objects?



Answers  
grams, kg, grams, kg, grams

Task: Today we are going to be comparing the weight (or mass) of objects with a standard mass. Have a look through the cupboards in your kitchen. Can you find something that weighs 1kg? If not the closest thing will do or you could weigh out 1kg of rice/pasta using your kitchen scales.

Now collect together 10 objects from around your house of varying weights - some heavy and some light.

Hold your standard (1kg) weight in one hand and one of your objects in the other hand. Can you compare the weights? Which one is heavier?

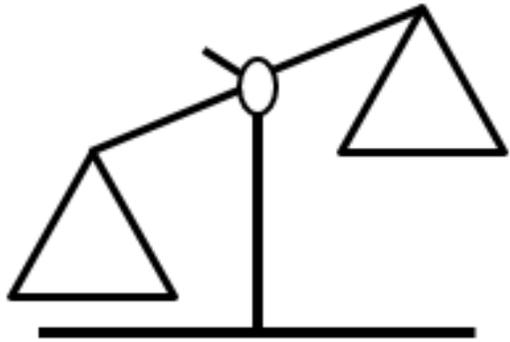
Now write the object on a copy of the table on the next page and tick which column is relevant to the object. Repeat this process for the other objects.



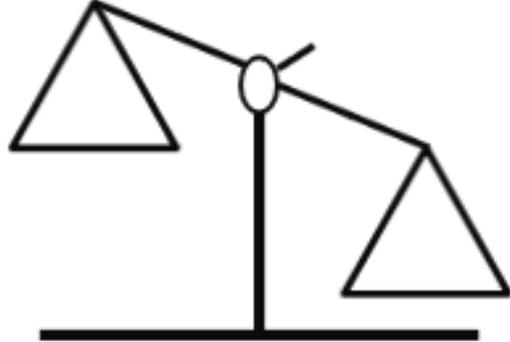
# Lesson 2 - Teaching

## Starter:

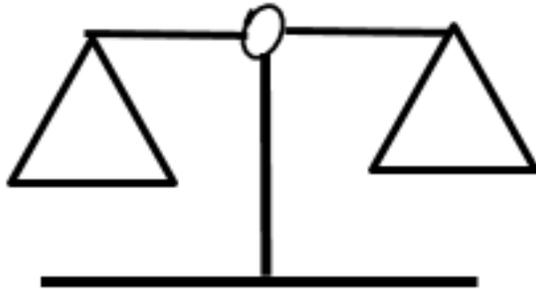
Write the weights on the right side of the scales to show which are heavier, lighter or make them balance. Complete the statements.



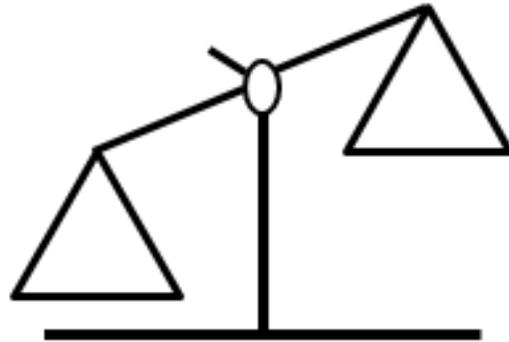
\_\_\_\_\_ < \_\_\_\_\_



\_\_\_\_\_ > \_\_\_\_\_



\_\_\_\_\_ = \_\_\_\_\_



\_\_\_\_\_ < \_\_\_\_\_

- 50g
- 20g
- 70g
- 100g
- 55g
- 50g
- 80g
- 95g

Answers: Different combinations are possible. One solution is:  
 20g > 70g      50g = 50g  
 100g > 55g    80g > 95g

Task: Put the masses on the next page into order from the lightest to the heaviest.

## Lesson 2 - Activity

### Can I order masses?

25g			6g		
18g		32g			
Lightest	→				Heaviest
19g			75g		
88g		99g			
Lightest	→				Heaviest
105g			67g		
18g		76g			
Lightest	→				Heaviest

Answers  
6g, 18g, 25g, 32g  
19g, 75g, 88g, 99g  
18g, 67g, 76g, 105g

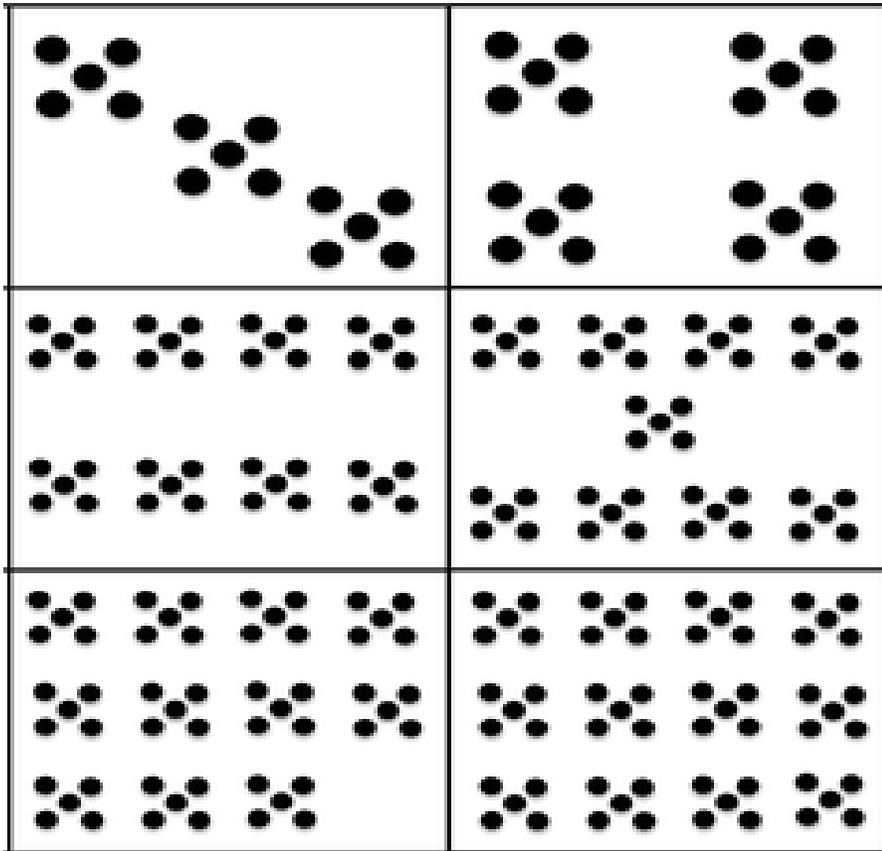
200g			150g		
700g		430g			
Lightest	→				Heaviest
1kg			3kg		
900g		500g			
Lightest	→				Heaviest
4kg			2000g		
7kg		5000g			
Lightest	→				Heaviest

Answers  
150g, 200g, 430g, 700g  
500g, 900g, 1kg, 3kg  
2000g, 4kg, 5000g, 7kg

## Lesson 3 - Teaching

Can I recall times table facts?

Starter: Count in fives to find out how many spots in each group.



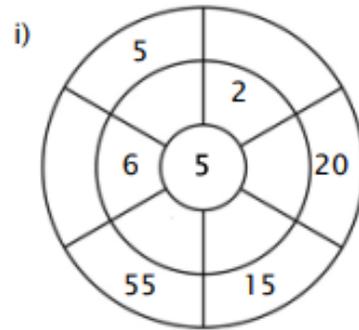
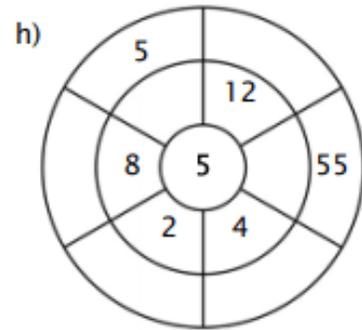
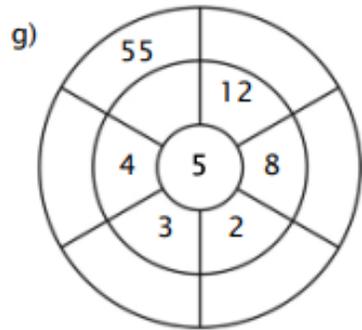
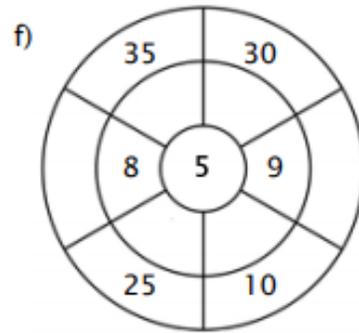
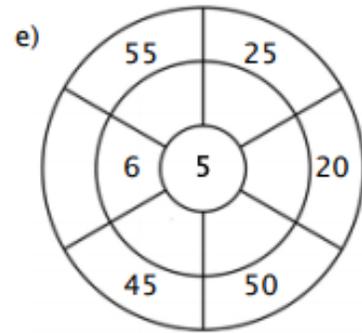
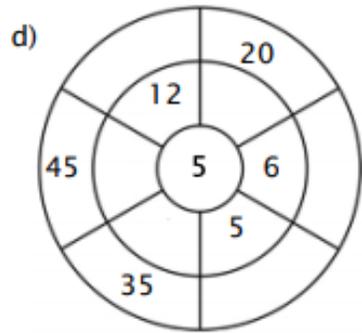
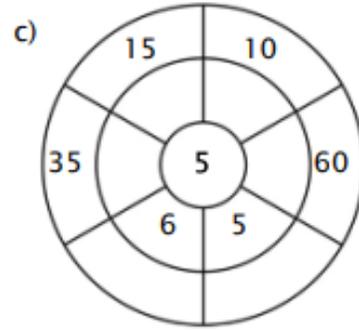
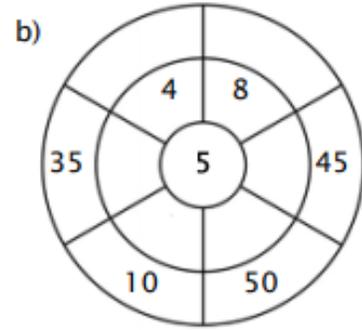
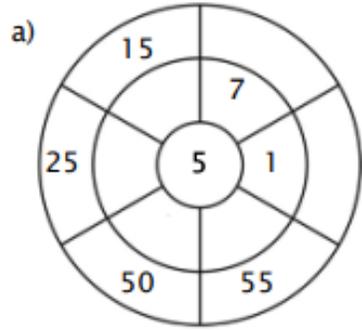
Answers

15	20
40	45
55	60

Task: Today, you are going to work on your five times table facts.

# Lesson 3 - Activity

Can I recall times table facts? Copy and complete the missing numbers.



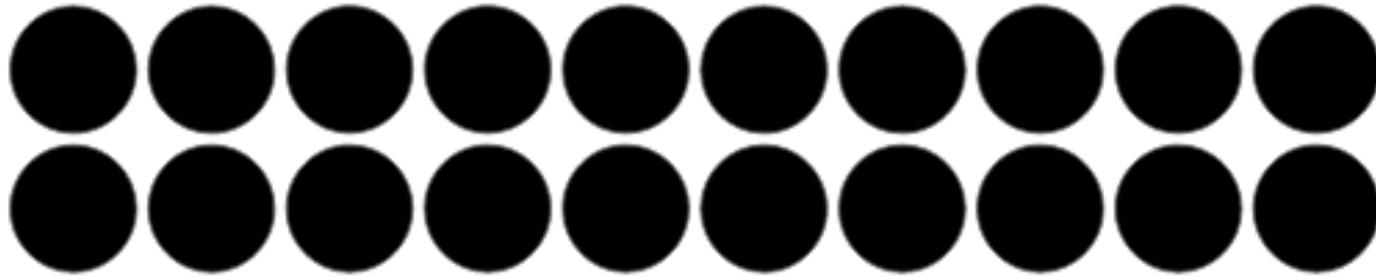
Answers:  
 $0 \times 5 = 0$   
 $1 \times 5 = 5$   
 $2 \times 5 = 10$   
 $3 \times 5 = 15$   
 $4 \times 5 = 20$   
 $5 \times 5 = 25$   
 $6 \times 5 = 30$   
 $7 \times 5 = 35$   
 $8 \times 5 = 40$   
 $9 \times 5 = 45$   
 $10 \times 5 = 50$   
 $11 \times 5 = 55$   
 $12 \times 5 = 60$

## Lesson 4 - Teaching

### Can I measure mass?

Starter: What do I need to add to these numbers to make 20?

4    17    15    8    12    13    6    19



Answers  
16 3 5 12 8 7 14 1

Task: Today you have a choice of activities.

Choice 1: If you have a set of weighing scales at home and an adult to help you read them, you could choose objects from around your house and weigh them. Remember to estimate first and complete the table on the next page!

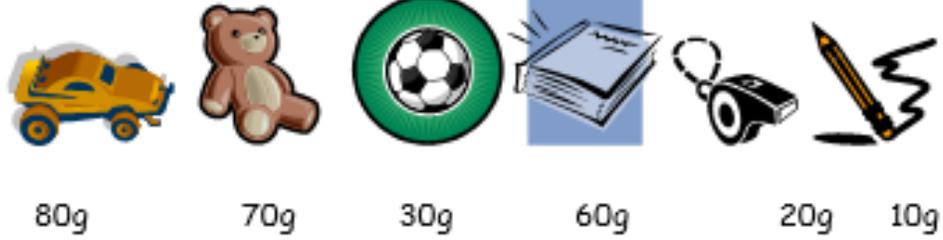
Choice 2: If you do not have weighing scales at home, complete the Adding Mass worksheet on the following page.



# Lesson 4 - Activity Choice 2

## Can I add mass?

Look at the weights of the different objects and complete the addition underneath.



1.  +  =

2.  +  =

3.  +  =

4.  +  =

5.  +  =

6.  +  =

7.  +  =

8.  +  =

- Answers
1.  $80g + 10g = 90g$
  2.  $30g + 30g = 60g$
  3.  $70g + 10g = 80g$
  4.  $60g + 20g = 80g$
  5.  $60g + 70g = 130g$
  6.  $80g + 60g = 140g$
  7.  $20g + 70g = 90g$
  8.  $30g + 80g = 110g$

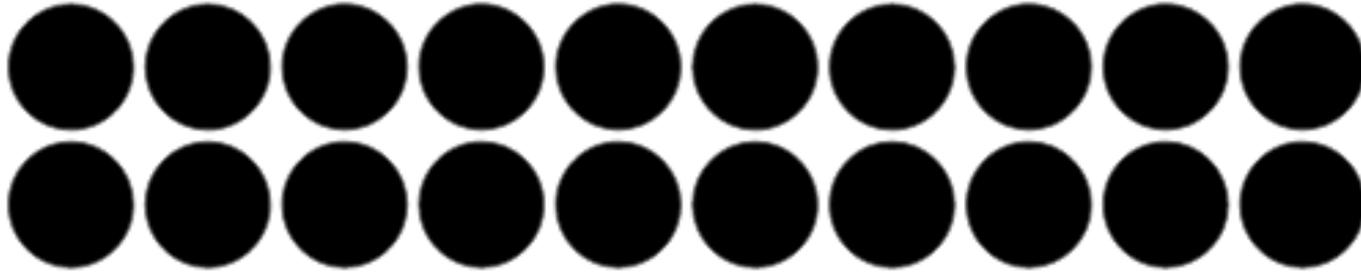
## Lesson 5 - Teaching

### Can I subtract mass?

Starter: What do I need to take away from 20 to get these numbers?

14    3    5    12    1    18    16    9

Answers  
6 17 15 8 19 2 4 11

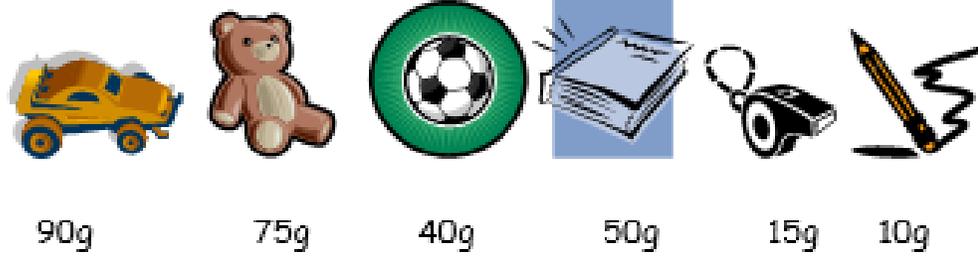


Task: Complete the Subtracting Mass worksheet on the next page.

# Lesson 5 - Activity

## Can I subtract mass?

Look at the weights of the different objects and complete the subtraction underneath.



1.  -  = 2  -  =

3.  -  = 4  -  =

5.  -  = 6  -  =

7.  -  = 8  -  =

- Answers
1.  $90\text{g} - 10\text{g} = 80\text{g}$
  2.  $40\text{g} - 10\text{g} = 30\text{g}$
  3.  $75\text{g} - 10\text{g} = 65\text{g}$
  4.  $50\text{g} - 15\text{g} = 35\text{g}$
  5.  $75\text{g} - 50\text{g} = 25\text{g}$
  6.  $90\text{g} - 50\text{g} = 40\text{g}$
  7.  $75\text{g} - 15\text{g} = 60\text{g}$
  8.  $90\text{g} - 40\text{g} = 50\text{g}$