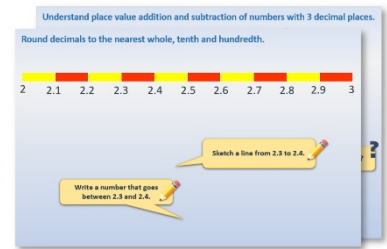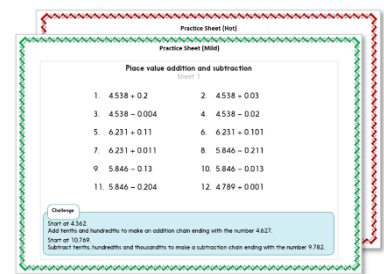# Week 12, Day 1
## Division

**Each day covers one maths topic. It should take you about 1 hour or just a little more.**
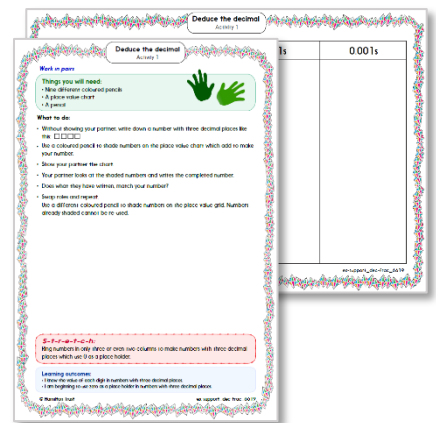
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.
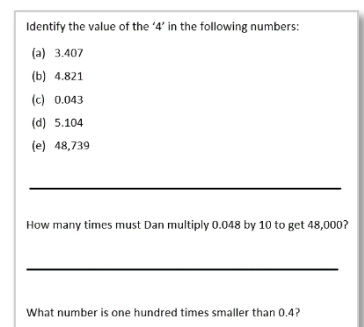
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.

3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**

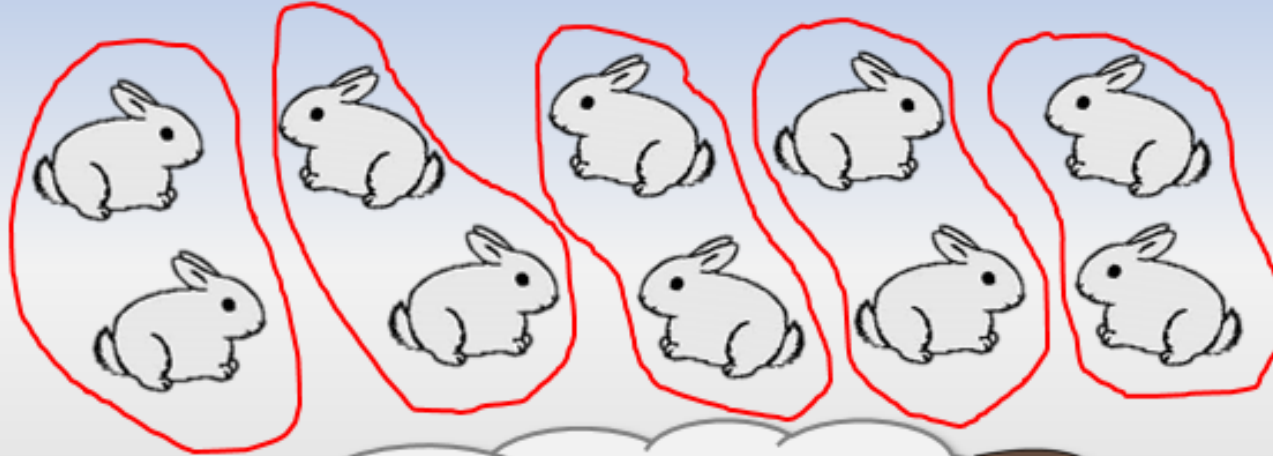4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!

# Learning Reminders
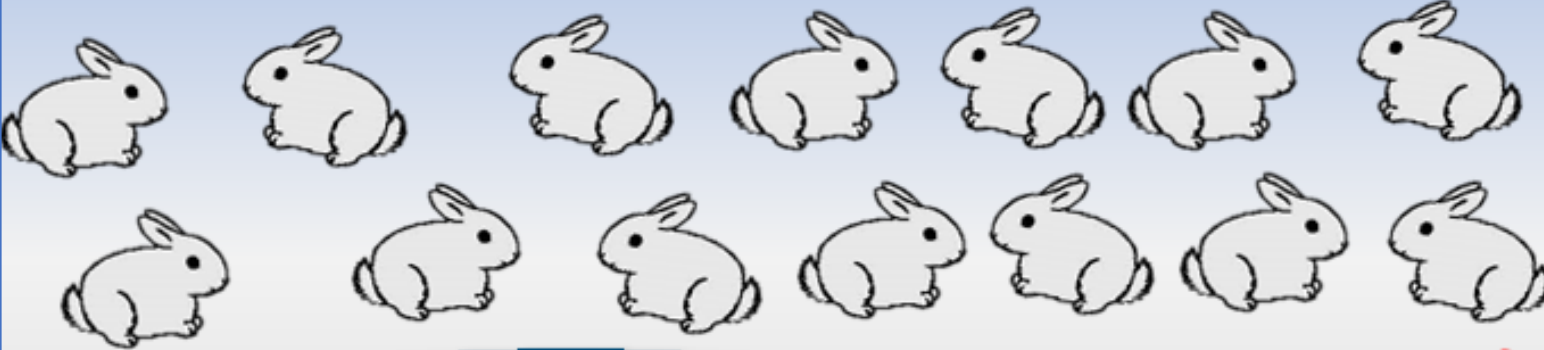
# Learning Reminders

**Solve division problems by finding how many sets.**

How many hutches do we need now?

Draw 14 dots (quicker than drawing rabbits) and put them into groups of 2.

14 rabbits need 7 hutches. Can you see why?

# Learning Reminders



Solve division problems by finding how many sets.
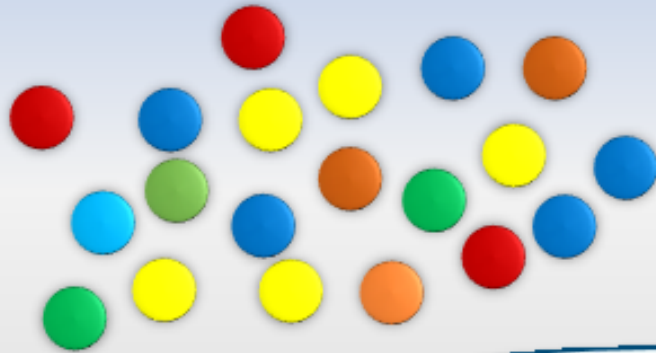
20 counters. How many groups of 5 can we make?

Let's put them in a line...
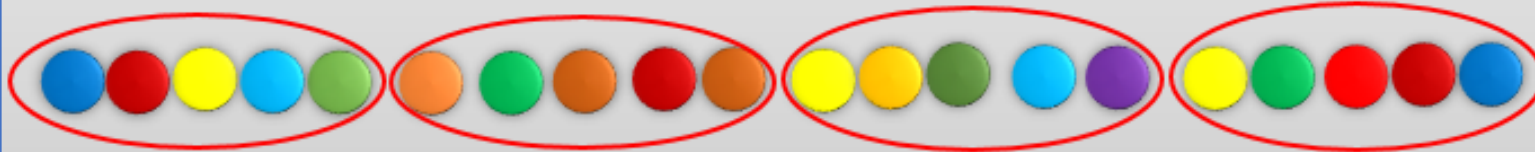
4 groups of 5 in 20.

# Learning Reminders
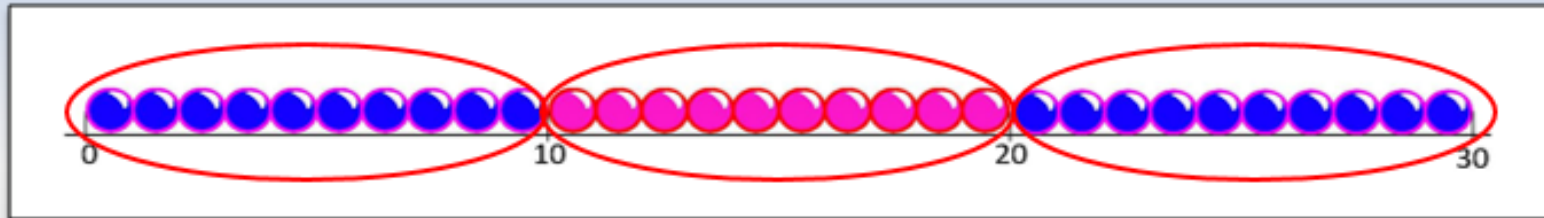
## Practice Sheet Mild
## 5s and 10s
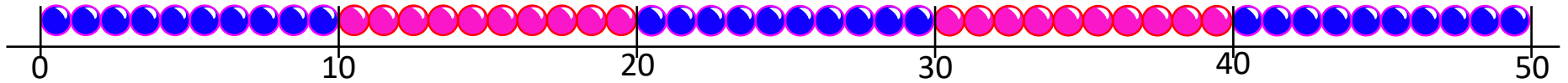


How many bags of apples?

20 apples into bags of 5 ...................................................
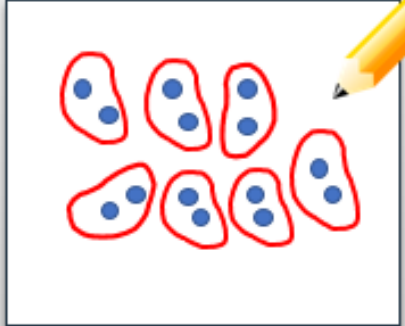
40 apples into bags of 10 ...................................................

25 apples into bags of 5 ...................................................

35 apples into bags of 5 ...................................................

30 apples into bags of 10 ...................................................

20 apples into bags of 10 ...................................................

**Challenge**

There are 50 apples. How many bags of 5 can you make? How many bags of 10?

# Practice Sheet Hot
## How many groups of 2, 5 and 10?
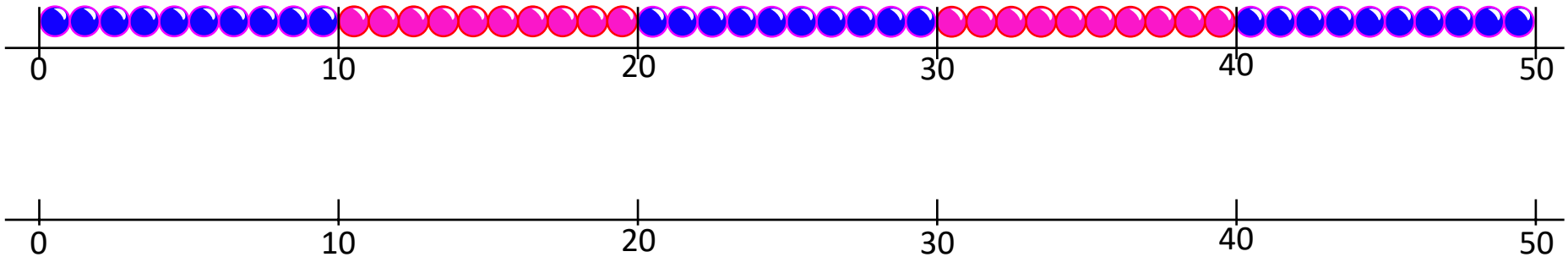


How many groups of:

2 are in 12? .................................................

2 are in 14? .................................................

5 are in 20? .................................................

5 are in 25? .................................................

How many 10s are in 30? .................................................

How many 10s are in 50? .................................................

How many 2s are in 18? .................................................

How many 5s are in 45? .................................................

How many 10s are in 70? .................................................

# Practice Sheets Answers

## 5s and 10s (mild)

How many bags of apples?

20 apples into bags of 5     4 bags

40 apples into bags of 10     4 bags

25 apples into bags of 5     5 bags

35 apples into bags of 5     7 bags

30 apples into bags of 10     3 bags

20 apples into bags of 10     2 bags

**Challenge**

There are 50 apples. How many bags of 5 can you make? 10 bags

How many bags of 10? 5 bags

## How many groups of 2, 5 and 10? (hot)

How many groups of:

2 are in 12?     6 groups of 2

2 are in 14?     7 groups of 2

5 are in 20?     4 groups of 5

5 are in 25?     5 groups of 5

How many 10s are in 30?     3 10s in 30

How many 10s are in 50?     5 10s in 50

How many 2s are in 18?     9 2s in 18

How many 5s are in 45?     9 5s in 45

How many 10s are in 70?     7 10s in 70
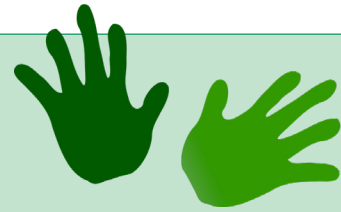
    Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton

*Work in pairs*

**Things you will need:**
- 6 puppies
- 20 dog biscuits
- A pencil

**What to do:**

- Put the puppies in a line. They have been very good puppies.
- Start on number 1.
- Take that number of biscuits. Go along the line, giving 2 to each puppy.
- How many puppies get biscuits? Write this number in the box.
- Now do number 2 the same way.
- Keep going until you have done number 5.

1.  6 biscuits. 2 biscuits each. ☐ puppies can have biscuits.

2.  4 biscuits. 2 biscuits each. ☐ puppies can have biscuits.

3.  10 biscuits. 2 biscuits each. ☐ puppies can have biscuits.

4.  8 biscuits. 2 biscuits each. ☐ puppies can have biscuits.

5.  12 biscuits. 2 biscuits each. ☐ puppies can have biscuits.

**S-t-r-e-t-c-h:**
Now the puppies can have 5 biscuits each!
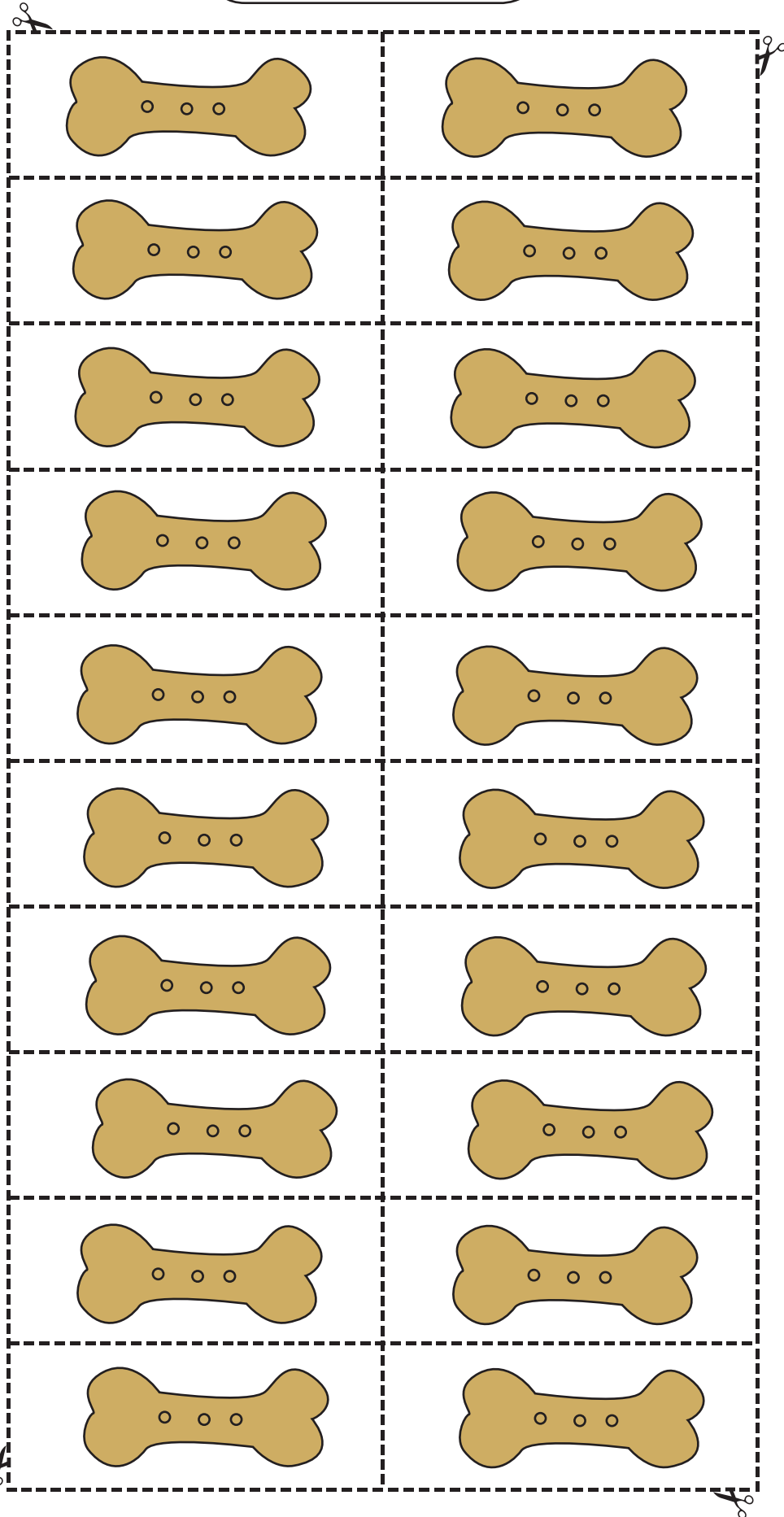
10 biscuits. 5 biscuits each. ☐ puppies can have biscuits.

20 biscuits. 5 biscuits each. ☐ puppies can have biscuits.

**Learning outcomes:**
- I can use grouping to divide by 2.
- I am beginning to use grouping to divide by 5.

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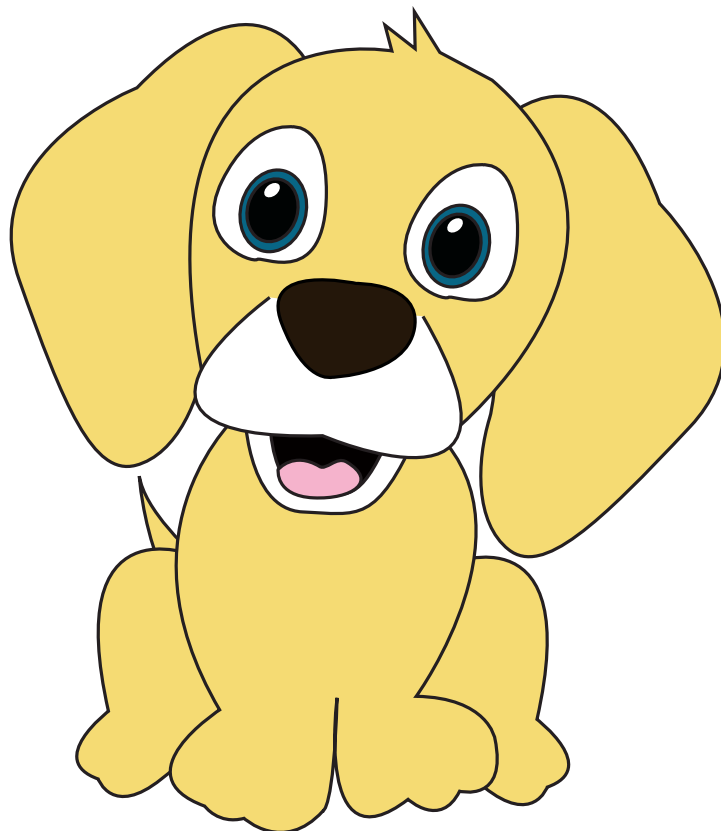
# Check your understanding
## *Questions*

True or false?

- 40p is eight 5p coins.

- If we have 10 gloves, we can make 5 pairs.

- 12 is 8 groups of 2.

-  35 beads can be made into 7 necklaces, each with 5 beads.

How many 10p coins are in my purse if I have 60p?
(I only have 10p coins!)

How many 5p coins are in my purse if I have 25p?
(I only have 5p coins!)

How many 2p coins are in my purse if I have 26p?
(I only have 2p coins!)

# Check your understanding
## *Answers*

True or false?

- 40p is eight 5p coins. True.

- If we have 10 gloves, we can make 5 pairs. True.

- 12 is 8 groups of 2.  False it is 6 groups of 2.

- 35 beads can be made into 7 necklaces, each with 5 beads. True.

  Children should be counting on in 2s, 5s or 10s to find these, as well as to solve the problems below.

---

How many 10p coins are in my purse if I have 60p?
(I only have 10p coins!)   six 10p coins.

---

How many 5p coins are in my purse if I have 25p?
(I only have 5p coins!)  five 5p coins.

---

How many 2p coins are in my purse if I have 26p?
(I only have 2p coins!) thirteen 2p coins.