Year 5
Week 11
Lesson 3 – fractions overview

Question 1
Write the division calculation below as a fraction.
I share 6 apples between 7 friends. _____

Question 2
Convert these improper fractions into mixed numbers.
7/5 =
20/6 =

Question 3
Convert these mixed numbers into improper fractions.
2 3/5 =
4 1/7 =

Question 4
Look at the set of fractions below. Circle two fractions that are equivalent to each other.

$$\frac{2}{6} \qquad \frac{8}{20} \qquad \frac{5}{12} \qquad \frac{6}{18} \qquad \frac{12}{18}$$

Question 5
Write two fractions that are equivalent to the following.

$$\frac{5}{9} \qquad \frac{\square}{\square} \qquad \frac{\square}{\square}$$

Question 6

Jack and Jill both have a bag of sweets that are the same size.
Jack has 5/18 of a packet left.
Jill has 1/3 of a packet left.
What has the most?

Question 7
Martin, Ryan and Hayley all completed a maths test.
Martin scored 5/12 on the test.
Ryan scored 20/24 on the test.
Hayley scored 3/8 on the test.
Put the children in order starting with the one who scored the least.

_____ _____

_____

Question 8
Sophie has put this set of fractions in order starting with the smallest.
Which fraction is in the wrong place?
Explain why.

$$\frac{2}{20} \qquad \frac{3}{10} \qquad \frac{1}{5} \qquad \frac{12}{20} \qquad \frac{4}{5}$$

Question 9
Sophie bought a double chocolate fudge cake for her party.
There was 11/2 of the cake left when Lola (the cheeky pug) started to eat it.
Lola ate 1/6 before getting caught.
How much cake was left?
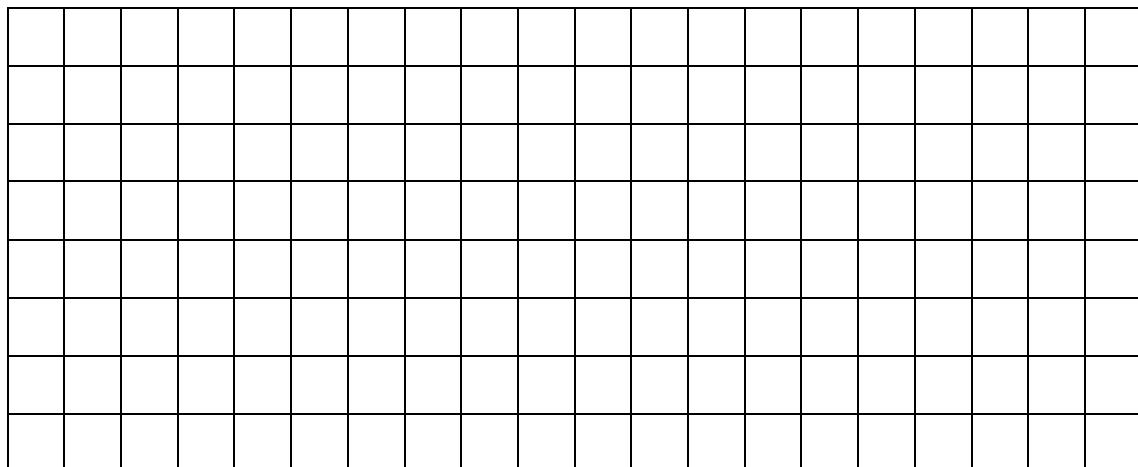
Question 10

2 1/5 + 4/10
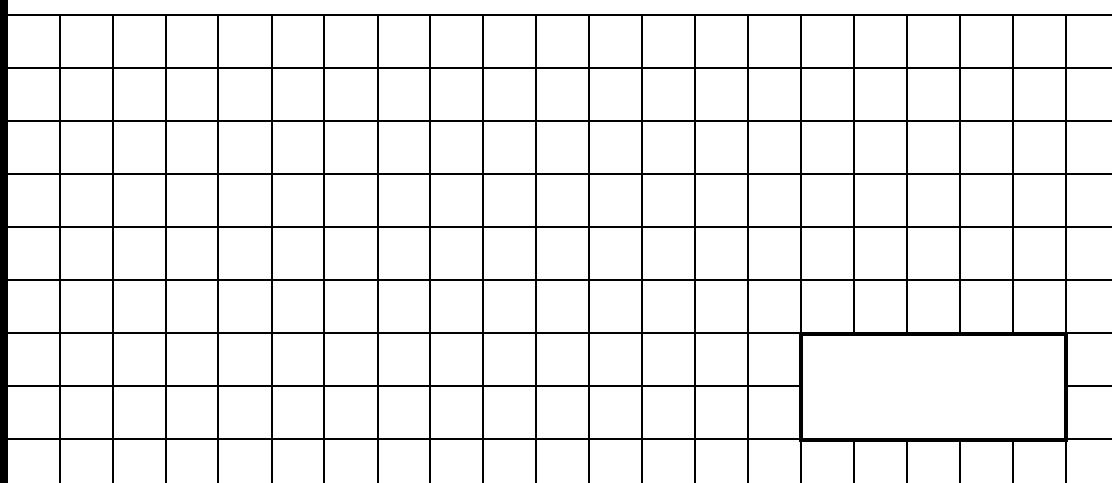
Question 11
Sophie was sorting the ice-cream out in her freezer.
She has 1/2 a pot of strawberry ice-cream.
5/6 of a pot of vanilla
And 5/12 of a pot of chocolate.
How much ice-cream does she have altogether?

Question 12

2/7 x 6

Question 13
Lucy spent 4/5 of an hour every day for 5 days on her school project.
How long did she spend in total?