

Week 14 Lesson 1 – Fraction

1) Simplify

(a) $\frac{4}{10}$

(1)

(b) $\frac{9}{15}$

(1)

(c) $\frac{15}{20}$

(1)

(d) $\frac{20}{100}$

(1)

Week 14 Lesson 1 – Fraction

2) Find the missing numbers

$$(a) \frac{3}{4} = \frac{\quad}{16}$$

Write the missing number in the box below. (1)

$$(b) \frac{\quad}{5} = \frac{6}{15}$$

Write the missing number in the box below. (1)

$$(c) \frac{7}{8} = \frac{35}{\quad}$$

Write the missing number in the box below. (1)

$$(d) \frac{2}{\quad} = \frac{16}{40}$$

Write the missing number in the box below. (1)

Week 14 Lesson 1 – Fraction

3) Here are some fractions.

$$\frac{2}{4} \quad \frac{3}{7} \quad \frac{5}{9} \quad \frac{9}{18} \quad \frac{10}{22}$$

Which two fractions are equivalent to $\frac{1}{2}$? (2)

4) Write these fractions in order, starting with the smallest.

$$\frac{2}{3} \quad \frac{11}{15} \quad \frac{7}{15} \quad \frac{3}{5}$$

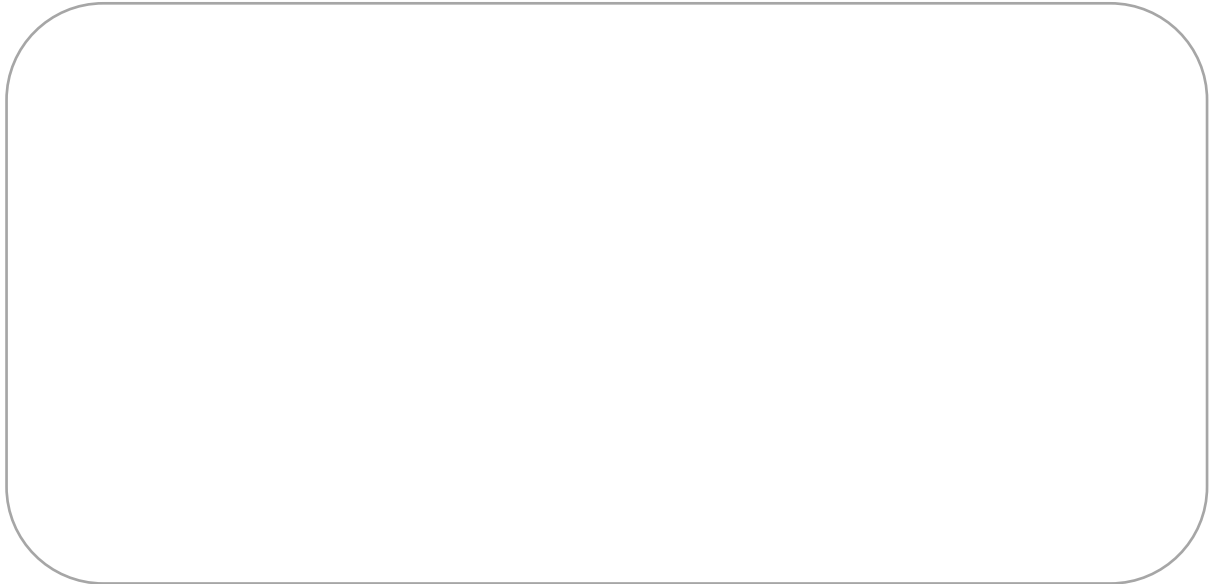
Show your working and write your answer in the box below. (2)

Week 14 Lesson 1 – Fraction

5) Write these fractions in order, starting with the smallest.

$$\frac{13}{16} \quad \frac{3}{4} \quad \frac{5}{8} \quad \frac{11}{16}$$

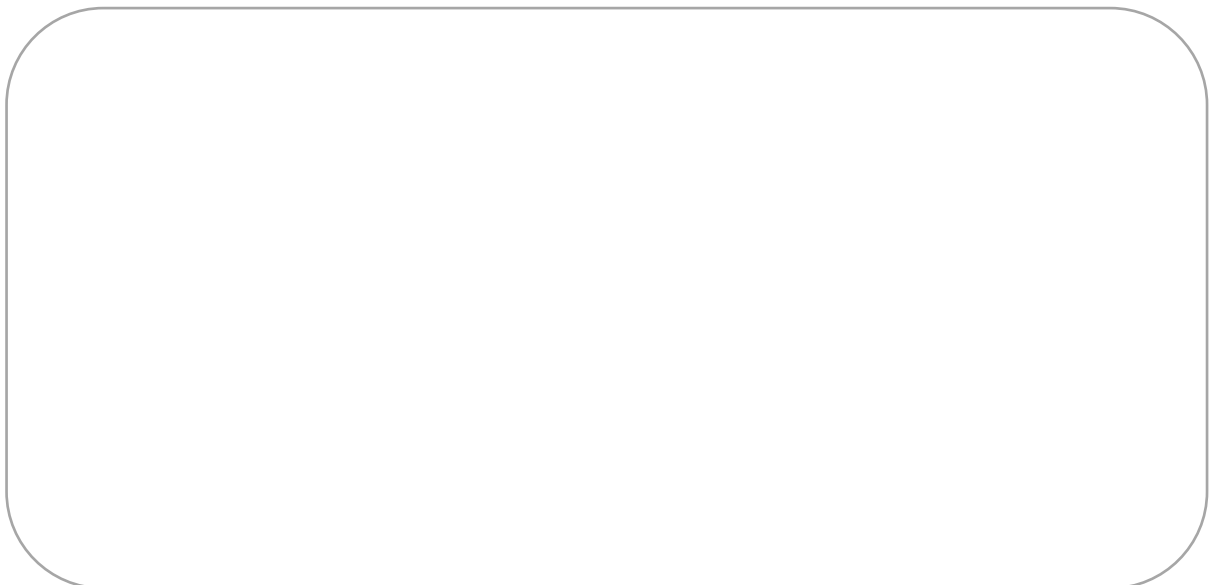
Show your working and write your answer in the box below. (2)



6) Write these fractions in order, starting with the largest.

$$\frac{1}{4} \quad \frac{3}{8} \quad \frac{1}{6} \quad \frac{5}{12}$$

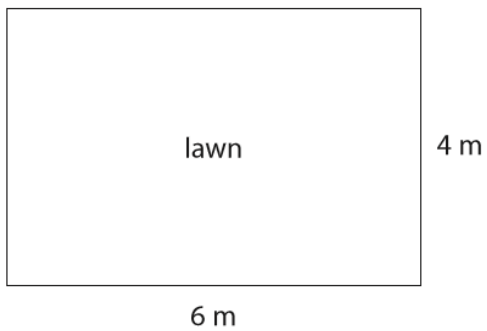
Show your working and write your answer in the box below. (2)



Week 14 Lesson 1 – Fraction

7) Jane has a lawn in front of her house.

The lawn is in the shape of a rectangle 6 m by 4 m.



Jane buys one box of lawn feed.

One box is enough for 100 m^2 of lawn.

Janes says, "My lawn needs $\frac{1}{4}$ of this box."

Will $\frac{1}{4}$ of this box be enough for the lawn?

Use the box below to show clearly how you get your answer.

(4)

A large empty rounded rectangular box for showing the solution.

Week 14 Lesson 1 – Fraction

8) Robyn is going to do a 24 mile walk for charity.
She asks people to sponsor her.

Robyn does not finish the walk.

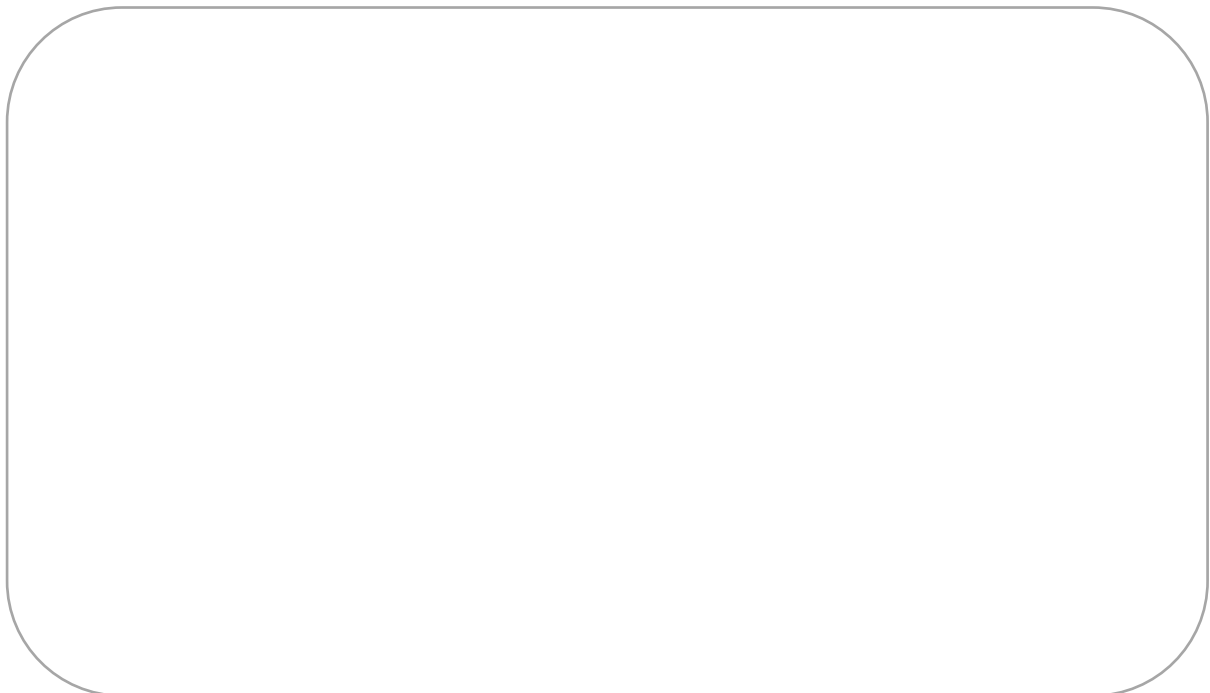
She says to Anita, “You said you would give me £48 to walk 24 miles.
I only walked for $\frac{3}{4}$ of this distance, so you only need to give me £32.”

Does $\frac{3}{4}$ of 48 equal 32?

Show a check of you working.

Use the box below to show clearly how you get your answer.

(4)



Check

