Convert the following proper fractions into decimals.

Task 1

1) 1/2 =

2) 1/5 =

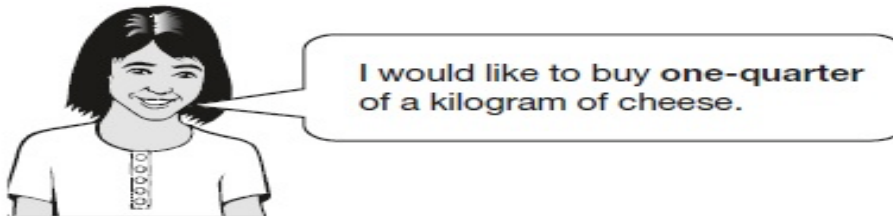3) 4/20 =

4) 1/3 =

5) 17/25 =

Task 2

Fill in the table below. Converting both improper fractions and proper fractions into decimals. First example has been done for you.
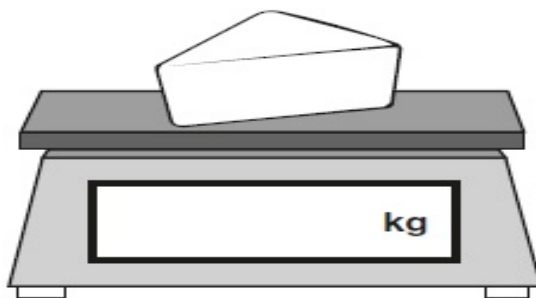
Improper fractions	Decimal	Mixed number
13/10	1.3	1 3/10
15/2		
42/5		
		3 ½
		9 ¼
33/5		

Task 3

Answer the exam style questions below:

I would like to buy **one-quarter** of a kilogram of cheese.

Write one-quarter on the scales as a decimal.

kg

1 mark

1) Answer: one-quarter= _____

Here are three symbols.

< > =

Write one symbol in each box to make the statements correct.

$\frac{7}{10}$ ☐ 0.07

$\frac{23}{1000}$ ☐ 0.23

1 mark

2)

Answer: 7/10 ☐ 0.07   23/1000 ☐ 0.23

Adam says,

0.25 is **smaller** than $\frac{2}{5}$
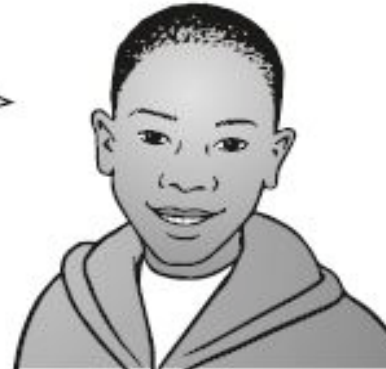
Explain why he is correct.

Convert the fraction into a decimal to help you

3) Adam is correct because ……………