FRACTION OF A NUMBER PROBLEMS 1A

WORKING OUT

1) There are a total of 20 clownfish and angelfish in a tank. 🐟arovfish ¼ of the fish are angelfish. 
How many of each type of fish are there?
   There are _______ angelfish and ______ clownfish.

2) Newton swims a total of 12 lengths. He swims a third of the lengths on his front and the rest on his back. 🐠
How many lengths does he swim on his front?
   He swims _____ lengths on his front.

3) There are 30 people on a train. A fifth of the people get off at the next stop. How many get off the train? 🚄
   _____ people get off the train.

4) Captain has some gold and silver coins. He has 24 coins in all. ¹⁄₆ of his coins are gold and the rest are silver. 🐟💰
How many of each sort of coin does he have?
   He has _____ gold and _____ silver coins.

5) Sally and Newton go fishing and catch 12 fish. Sally 🐟 fish catches ¾ of the fish. How many does Newton catch?
   Newton catches _______ fish.

6) There is a group of 25 puffins on an island. ¹⁄₅ of the group are adults and the rest are pufflings (puffin chicks). 😛
How many adults and pufflings are there?
   There are _____ adults and _______ pufflings.
FRACTION OF A NUMBER PROBLEMS 1A ANSWERS

WORKING OUT

1) There are a total of 20 clownfish and angelfish in a tank. ¼ of the fish are angelfish.
How many of each type of fish are there?

There are 5 angelfish and 15 clownfish.

2) Newton swims a total of 12 lengths. He swims a third of the lengths on his front and the rest on his back.
How many lengths does he swim on his front?

He swims 4 lengths on his front.

3) There are 30 people on a train. A fifth of the people get off at the next stop. How many get off the train?

6 people get off the train.

4) Captain has some gold and silver coins. He has 24 coins in all. ¼ of his coins are gold and the rest are silver.
How many of each sort of coin does he have?
He has 4 gold and 20 silver coins.

5) Sally and Newton go fishing and catch 12 fish. Sally catches ¾ of the fish. How many does Newton catch?

Newton catches 3 fish.

6) There is a group of 25 puffins on an island. ¼ of the group are adults and the rest are pufflings (puffin chicks). How many adults and pufflings are there?

There are 5 adults and 20 pufflings.