22.11.13 Newton and Turing Home Learning

Next week your test will be on linking percentages with decimal fractions and fractions.

Look at the table below and fill in the gaps.

Then have a go at the questions.

|  |  |  |
| --- | --- | --- |
| Percentage | Equivalent decimal fraction | Equivalent fraction – put this in its simplest form |
|  50% |  |  ½  |
|  |  0.25 |  |
|  |  |  3/4 |
|  10% |  |  |
|  |  0.3 |  |
|  |  |  4/5 |
|  1% |  |  |
|  |  0.05 |  |
|  |  |  9/20 |
|  95% |  |  |

1. 50% of 20?
2. 25% of 80?
3. 0.1 of 100?
4. 0.4 of 200?
5. 3/5 of 120?

Think of some more yourself to work out.

22.11.13 Noether Home Learning

Next week your test will be on knowing the equivalent percentages, fractions and decimal fractions. Look at the table below, you need to learn the facts in it. Your test will ask you to give a percentage, fraction or decimal fraction equivalent to one given to you.

E.g. Give me the percentage equivalent to 0.4. Answer would be 40%

|  |  |  |
| --- | --- | --- |
| Percentage | Equivalent decimal fraction | Equivalent fraction |
| 100% |  1 | 1 |
| 75% |  0.75 | ¾ |
| 50% |  0.5 | ½ |
| 25% |  0.25 | ¼ |
| 20% |  0.2 | 1/5 |
| 10% |  0.1 | 1/10 |
| 5% |  0.05 | 1/20 |
| 1% |  0.01 | 1/100 |

You could cut them up and play a game of matching three together by turning over three at a time.