Year 5 · Number: Fractions, Decimals & Percentages

Name: _____ Date: _____

Hi! This sheet helps you practise turning between fractions, decimals and percentages, and using them to solve real problems. Take your time and show your working, you've got this!

Warm-up

1. Write 7/10 as a decimal.

2. Write 0.25 as a fraction and as a percentage.

3. Divide 6 by 100.

4. Which is larger: 0.3 or 0.12?

Practice

5. Order these decimals from smallest to largest: 3.55, 3.5, 3.84, 3.08.

6. Multiply 4.27 by 100.

7. Work out 2/3 + 1/9.

8. Aroha's water bottle holds 1.31 litres. She adds another 0.22 litres. How much water is in the bottle now?

9. At Avondale Primary there are 24 pupils in Room 6. 2/3 of them walk to school. How many pupils walk to school?

10. A jacket at The Warehouse costs $80. It is reduced by 25%. How much money is taken off the price?

Challenge

11. Tama has collected 8 shells. This is 2/5 of all the shells he wants for his art project. How many shells does he want altogether?

12. A recipe uses 5/4 cups of flour and 3/4 cups of sugar. Write 5/4 as a mixed number, then find the total number of cups of flour and sugar.