

Numeracy Workout - Number

Topic 19 - Percentages				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Revise equivalence of fractions, decimals & percentages</i>	<i>Calculate a percentage of a quantity using the equivalent fraction</i> <i>Calculate multiples of 10% of a quantity</i>	<i>Calculate multiples of 1% or 5% of a quantity</i>	<i>Calculate a percentage of a quantity using a calculator</i> <i>Compare fractional and percentage calculations</i>	<i>Calculate percentage increase or decrease</i>
1. Complete a table of equivalences (thirds, quarters)	1. Complete a percentage calculation using the equivalent fraction	1. Demo: Calculate 5% or 15% of a quantity	1. Demo: Calculate a percentage of a value using a calculator; no rounding required	1. Demo: Increase or decrease a quantity by a multiple of 10%
2. Complete a table of equivalences (fifths, tenths)	2. Complete a percentage calculation using the equivalent fraction	2. Calculate 5% or 15% of a quantity	2. Calculate a percentage of a value using a calculator	2. Increase a quantity by a multiple of 10%
3. Complete a table of equivalences (eighths)	3. Complete a percentage calculation using the equivalent fraction	3. Speed Response: Drag the percentage calculation to the correct answer	3. Calculate a percentage of a value requiring a rounded answer	3. Decrease a quantity by a multiple of 10%
4. Complete a table of equivalences; Mixed summary task from tasks 1-3	4. Demo: Calculate a multiple of 10% of a quantity	4. Complete missing elements when calculating 5% or 15% of a quantity	4. Solve percentage problems in context	4. Increase a quantity by 25%, 75%, single digit % values
5. Speed response: Match fractions, decimals & percentages	5. Calculate a multiple of 10% of a quantity	5. Demo: Calculate a multiple of 1% of a quantity	5. Compare percentage calculations, e.g. 20% of 30 and 50% of 20	5. Decrease a quantity by 25%, 75%, single digit % values
6. Speed response: Match fractions, decimals & percentages	6. Speed Response: Drag the percentage calculation to the correct answer	6. Calculate a multiple of 1% of a quantity	6. Compare fractional and percentage calculations, e.g. 20% of 30 and $\frac{1}{2}$ of 20	6. Increase or decrease a quantity by multiples of 10%, 5%, 25%, 75%
7. Speed response: Match fractions, decimals & percentages	7. Complete missing elements in multiples of 10% calculations	7. Speed Response: Drag the percentage calculation to the correct answer		7. Increase or decrease a quantity by 5%, 25%, 75%, single digit % values
8. Speed response: Match fractions, decimals & percentages	8. Solve percentage problems in text form	8. Complete missing elements in multiples of 1% calculations: extension		8. Solve percentage increase or decrease problems in context: calculator required
	9. Solve percentage problems in context: extension	9. Speed Response: Drag the percentage calculation to the correct answer		9. Complete missing entries in percentage increase or decrease calculations: multiples of 10%, 5%, 25%, 75%, single digit % values
	10. Solve percentage problems in context: extension	10. Solve percentage problems in context		10. Complete missing entries in percentage increase or decrease calculations: multiples of 10%, 5%, 25%, 75%, single digit % values