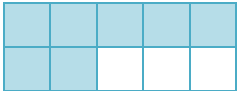
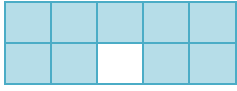
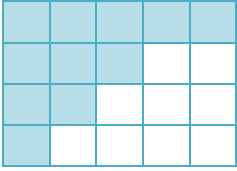

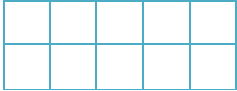



One point questions	Two point questions	Three point questions	Five point questions
<p>Write the following as a percentage:</p> <p>1. </p> <p>2. </p> <p>3. </p>	<p>Find the following:</p> <p>1. 20% of £60</p> <p>2. 30% of £40</p> <p>3. 15% of £50</p> <p>4. 35% of £50</p> <p>5. 25% of £180</p>	<p>Answer the following:</p> <p>1. Increase £40 by 20%</p> <p>2. Increase £60 by 15%</p> <p>3. Decrease £50 by 30%</p> <p>4. Decrease £80 by 25%</p>	<p>Answer the following;</p> <p>1. A jacket costing £60 is reduced by 20% in a sale. What does it now cost.</p> <p>2. Jody improves her score by 30%. If she scored 20, what is her new score?</p>
<p>Shade the following fractions:</p> <p>4. 25% </p> <p>5. 65% </p> <p>6. 35% </p>	<p>Express as a percentage:</p> <p>1. 7 out of 10</p> <p>2. 13 out of 20</p> <p>3. $\frac{3}{5}$</p> <p>4. $\frac{33}{50}$</p>	<p>5. Increase £240 by 5%</p>	<p>3. A bank gives 5% interest on £1000 or more invested. How much will Ben have after one year if he invests £2000?</p>

Answers and teacher notes:

A challenge whereby pupils can choose, or be directed to attempt questions that meet their ability. They score appropriate points depending on the difficulty. The object is to score as many points in a set time

One-point questions [6]

(1) 70% (2) 90% (3) 55% (4) Any 2 sq (5) Any 6.5 sq (6) Any 1.75 sq

Two-point questions [10 + 8]

(1) £12 (2) £12 (3) £7.50 (4) £17.50 (5) £45
(1) 70% (2) 65% (3) 60% (4) 66%

Three-point questions [15]

(1) £48 (2) £69 (3) £35 (4) £60 (5) £252

Five-point questions [15]

(1) £48 (2) 26 (3) £2100

Total points = 54

Additional guidance:

Two-point questions - assign 1 mark for equivalent '10%' value

(1) £6 (2) £4 (3) £5 (4) £5 (5) £18

Three-point questions - 1 mark for each intermediate stage

(1) £4, £8, £48 (2) £6, £9, £69 (3) £5, £15, £35 (4) £8, £20, £60
(5) £24, £12, £252

Four-point questions - 1 mark for each intermediate stage

(1) £6, £12, subtraction, £48 (2) 2, 6, addition, 26
(3) £200, £100, addition, £2100