Varied Fluency Step 9: Fractions of a Quantity

National Curriculum Objectives:

Mathematics Year 4: (4F2) <u>Recognise and show, using diagrams, families of common</u> <u>equivalent fractions</u> Mathematics Year 4: (4F10a) <u>Solve problems involving increasingly harder fractions to</u> <u>calculate quantities, and fractions to divide quantities, including non-unit fractions where</u> <u>the answer is a whole number</u>

Differentiation:

Developing Questions to support finding fractions of quantities. Involves unit fractions only. **Expected** Questions to support finding fractions of quantities. Involves non-unit fractions in their simplest form.

Greater Depth Questions to support finding fractions of quantities. Involves non-unit fractions and the use of related facts.

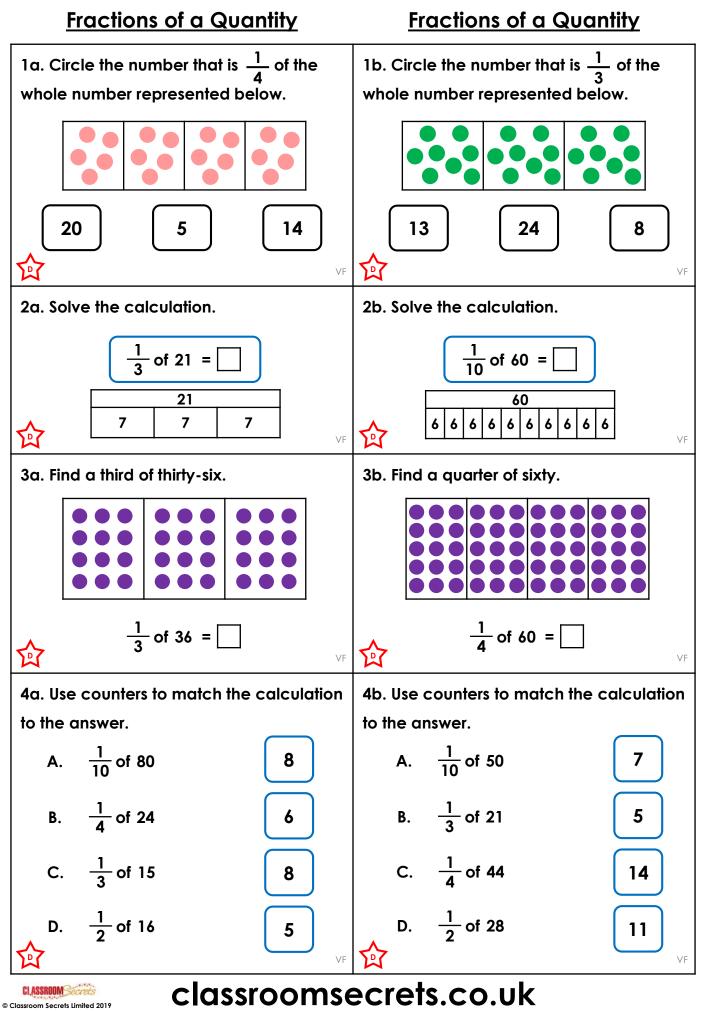
More <u>Year 4 Fractions</u> resources.

Did you like this resource? Don't forget to <u>review</u> it on our website.

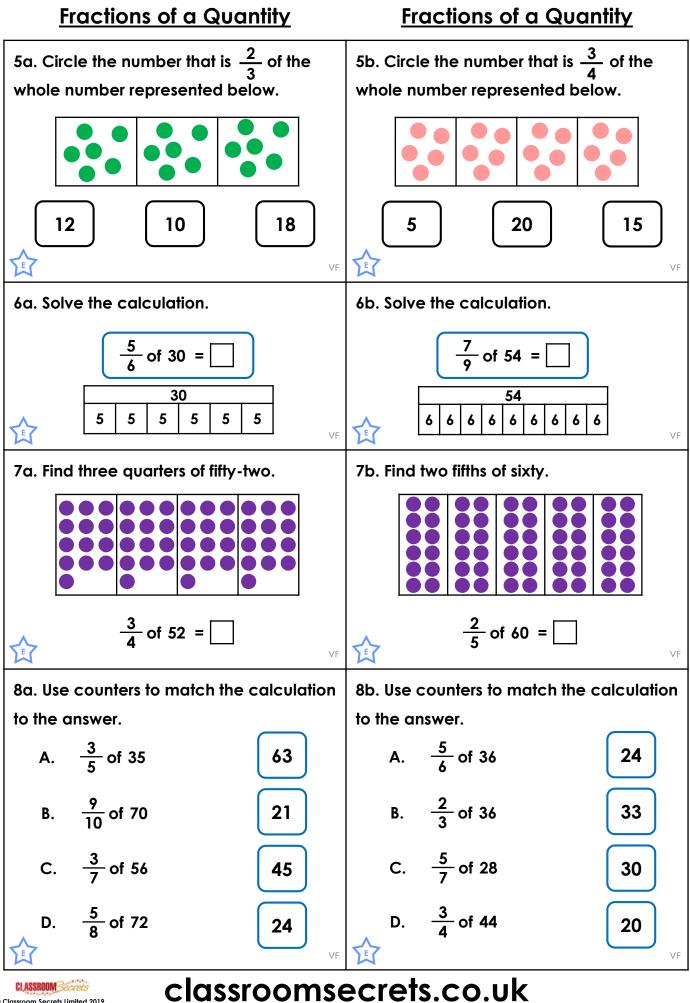




Varied Fluency – Fractions of a Quantity – Teaching Information

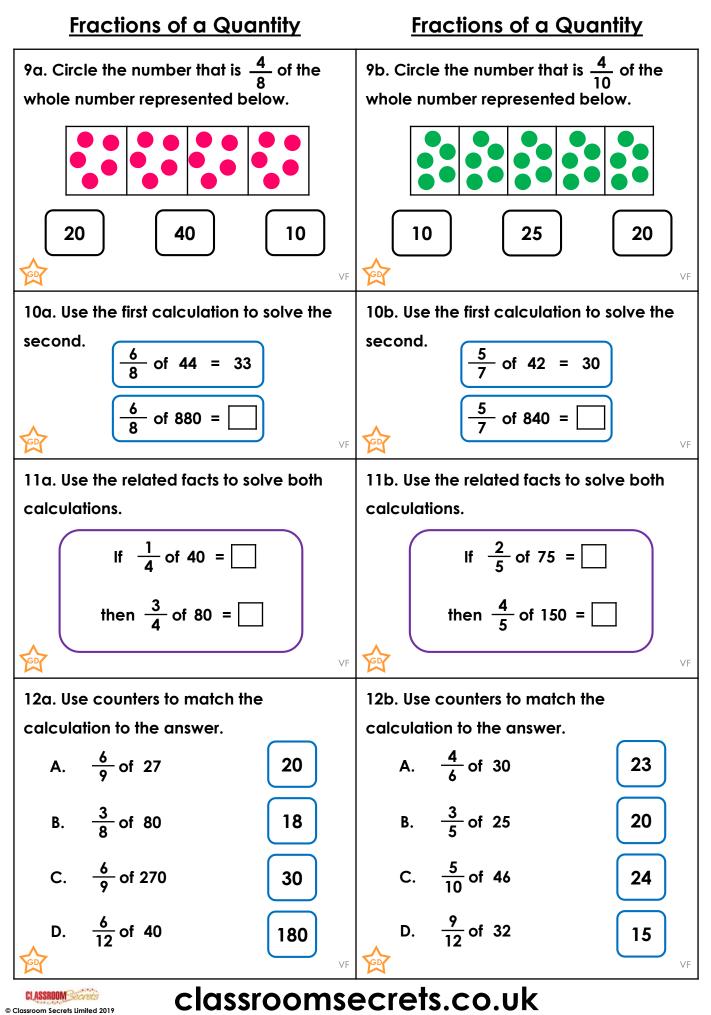


Varied Fluency – Fractions of a Quantity – Year 4 Developing



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Varied Fluency – Fractions of a Quantity – Year 4 Expected



Varied Fluency – Fractions of a Quantity – Year 4 Greater Depth

Varied Fluency Fractions of a Quantity

Varied Fluency Fractions of a Quantity

Developing	Developing
1a. <mark>5</mark>	1b. <mark>8</mark>
2a. <mark>7</mark>	2b. <mark>6</mark>
3a. <mark>12</mark>	3b. <mark>15</mark>
4a. A. 8; B. 6; C. 5; D. 8	4b. A. 5; B. 7; C. 11; D. 14
Expected	<u>Expected</u>
5a. <mark>12</mark>	5b. <mark>15</mark>
6a. <mark>25</mark>	6b. <mark>42</mark>

7b. 24

7a. <mark>39</mark>

8a. A. 21; B. 63; C. 24; D. 45

<u>Greater Depth</u>

9a. <mark>10</mark>

10a. 660 11a. If $\frac{1}{4}$ of 40 = 10, then $\frac{3}{4}$ of 80 = 60. 12a. A. 18; B. 30; C. 180; D. 20 <u>Greater Depth</u> 9b. 10 10b. 600 11b. If $\frac{2}{5}$ of 75 = 30, then $\frac{4}{5}$ of 150 = 120. 12b. A. 20; B. 15; C. 23; D. 24

8b. A. 30; B. 24; C. 20; D. 33



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Varied Fluency – Fractions of a Quantity ANSWERS