Finding Fractions of a Set

Using the table below, record your thinking/working out and your answer for each problem.

Problem	Thinking	Answer
$\frac{1}{2}$ of 20		
$\frac{1}{4}$ of 28		
$\frac{1}{5}$ of 15		
$\frac{1}{2}$ of 52		
$\frac{1}{3}$ of 9		
$\frac{1}{4}$ of 16		
$\frac{1}{5}$ of 45		
$\frac{1}{7}$ of 14		
$\frac{1}{10}$ of 90		
$\frac{1}{2}$ of 30		

Finding Fractions of a Set **Answers**

Problem	Thinking	Answer
$\frac{1}{2}$ of 20	Answers will vary depending on the strategies that your students know or feel confident using.	10
$\frac{1}{4}$ of 28		7
$\frac{1}{5}$ of 15		3
$\frac{1}{2}$ of 52		26
$\frac{1}{3}$ of 9		3
$\frac{1}{4}$ of 16		4
$\frac{1}{5}$ of 45		9
$\frac{1}{7}$ of 14		2
$\frac{1}{10}$ of 90		9
$\frac{1}{2}$ of 30		15

Finding Fractions of a Set

Using the table below, record your thinking/working out and your answer for each problem.

Problem	Thinking	Answer
$\frac{1}{6}$ of 42		
$\frac{1}{2}$ of 44		
$\frac{1}{5}$ of 55		
$\frac{1}{2}$ of 64		
$\frac{1}{3}$ of 27		
$\frac{1}{4}$ of 32		
$\frac{1}{5}$ of 70		
$\frac{1}{7}$ of 49		
$\frac{1}{10}$ of 120		
$\frac{1}{8}$ of 64		

Finding Fractions of a Set **Answers**

Problem	Thinking	Answer
$\frac{1}{6}$ of 42	Answers will vary depending on the strategies that your students know or feel confident using.	7
$\frac{1}{2}$ of 44		22
$\frac{1}{5}$ of 55		11
$\frac{1}{2}$ of 64		32
$\frac{1}{3}$ of 27		9
$\frac{1}{4}$ of 32		8
$\frac{1}{5}$ of 70		14
$\frac{1}{7}$ of 49		7
$\frac{1}{10}$ of 120		12
$\frac{1}{8}$ of 64		8

Finding Fractions of a Set

Using the table below, record your thinking/working out and your answer for each problem.

Problem	Thinking	Answer
$\frac{2}{6}$ of 42		
$\frac{1}{16}$ of 64		
$\frac{3}{5}$ of 55		
$\frac{1}{2}$ of 164		
$\frac{2}{3}$ of 27		
$\frac{3}{4}$ of 32		
$\frac{4}{5}$ of 70		
$\frac{3}{7}$ of 49		
$\frac{4}{10}$ of 120		
$\frac{3}{8}$ of 64		

Finding Fractions of a Set **Answers**

Problem	Thinking	Answer
$\frac{2}{6}$ of 42	Answers will vary depending on the strategies that your students know or feel confident using.	14
$\frac{1}{16}$ of 64		4
$\frac{3}{5}$ of 55		33
$\frac{1}{2}$ of 164		82
$\frac{2}{3}$ of 27		18
$\frac{3}{4}$ of 32		24
$\frac{4}{5}$ of 70		56
$\frac{3}{7}$ of 49		21
$\frac{4}{10}$ of 120		48
$\frac{3}{8}$ of 64		24