







Measure the sides of the rectangles *p*, *q*, *r*, *s* in centimeters. Calculate their areas in square centimeters (cm²) and in cells:

$\boldsymbol{p} = \boldsymbol{q} = \boldsymbol{r} = \boldsymbol{s} = \operatorname{cm}^2 = \operatorname{ce}$	ells $1 \text{ cm}^2 =$	cells	1 cell = cm^2
Gray stripes represent $\frac{1}{3}$ of rectangles <i>p</i> and <i>q</i> . Find the areas of each gray strip in cm ²			
and in cells.		$\frac{1}{3} \times 72 =$	$\frac{1}{3} \times 18 =$
Split rectangle <i>r</i> into 6 equal parts horizontal lines and rectangle <i>s</i> in parts by the vertical lines.	s by to 6 equal	$\frac{1}{6} \times 72 =$	$\frac{1}{6} \times 18 =$
Split rectangles <i>t</i> and <i>w</i> in 4 equal parts in two different ways $\frac{1}{4} \times 36 =$			
Split rectangles <i>x</i> and <i>z</i> in 2 equal parts in two different ways $\frac{1}{2} \times 24 =$			

13

8 Calculate: 1:4= 1:3= 1:6= 1 : *p* = $1: \frac{1}{4} =$ $1: \frac{1}{3} =$ $1: \frac{1}{6} =$ $1: \frac{1}{p} =$ $\frac{1}{4} \times 4 =$ $\frac{1}{3} \times 3 =$ $\frac{1}{6} \times 6 =$ $\frac{1}{p} \times p =$ $4 \times \frac{1}{4} =$ $3 \times \frac{1}{3} =$ $6 \times \frac{1}{6} =$ $p \times \frac{1}{p} =$ $\frac{1}{4} \times \frac{1}{4} =$ $\frac{1}{3} \times \frac{1}{3} =$ $\frac{1}{6} \times \frac{1}{6} =$ $\frac{1}{4}$: 4 = $\frac{1}{3}$: 3 = $\frac{1}{6}$: 6 = $\frac{1}{6}$: $\frac{1}{6}$ = $\frac{1}{4}$: $\frac{1}{4}$ = $\frac{1}{3}:\frac{1}{3}=$ $\frac{1}{p}:\frac{1}{p}=$ **9** Transform fractions: $\frac{1}{3} = \frac{1}{12}$ $\frac{1}{2} = \frac{1}{8}$ $\frac{1}{7} = \frac{1}{28}$ $\frac{1}{5} = \frac{1}{25}$ $\frac{1}{2} = \frac{1}{4}$ $\frac{3}{15} = \frac{1}{5}$ $\frac{4}{32} = \frac{1}{8}$ $\frac{3}{21} = \frac{1}{10}$ $\frac{2}{10} = \frac{1}{10}$ $\frac{3}{9} = -$ **10** Calculate: $55 \times \frac{1}{11} = 20 \times \frac{1}{5} = 21 \times \frac{1}{7} =$ $54 \times \frac{1}{9} =$ $27 \times \frac{1}{3} =$ $32 \times \frac{1}{8} =$ $32 \times \frac{1}{4} =$ $18 \times \frac{1}{6} =$

14

