EXERCISE 22

1. Find the value of each of the following:
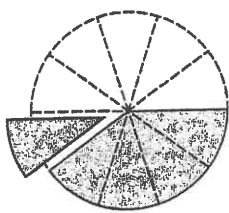
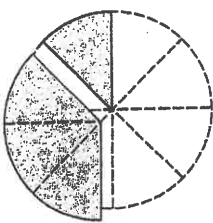|	
(a)	$\dfrac{1}{5} \times \dfrac{1}{2} = \dfrac{1 \times 1}{5 \times 2}$ $=$
$\dfrac{1}{5}$ of $\dfrac{1}{2} =$	
(b)	$\dfrac{3}{4} \times \dfrac{1}{2} =$
$\dfrac{3}{4}$ of $\dfrac{1}{2} =$	
(c)	$\dfrac{2}{3} \times \dfrac{1}{2} =$
$\dfrac{2}{3}$ of $\dfrac{1}{2} =$	
(d)	$\dfrac{2}{3} \times \dfrac{2}{3} =$
$\dfrac{2}{3}$ of $\dfrac{2}{3} =$	
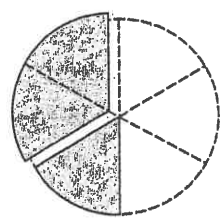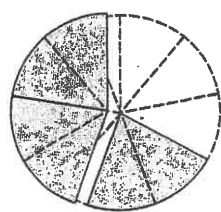
2. Multiply.

(a) $\frac{4}{9} \times \frac{1}{2} =$	(b) $\frac{1}{4} \times \frac{3}{8} =$
(c) $\frac{1}{5} \times \frac{3}{4} =$	(d) $\frac{5}{6} \times \frac{2}{3} =$
(e) $\frac{4}{5} \times \frac{5}{8} =$	(f) $\frac{4}{9} \times \frac{3}{10} =$
(g) $\frac{9}{10} \times \frac{5}{6} =$	(h) $\frac{3}{8} \times \frac{6}{7} =$

EXERCISE 23

1. Find the answers by following the arrows.

$\bigcirc$ **2** Start $\xrightarrow{\times \frac{5}{12}}$ $\bigcirc$ $\xrightarrow{\times \frac{2}{15}}$ $\bigcirc$ $\downarrow \times 6$

$\bigcirc$ $\xleftarrow{\times \frac{2}{9}}$ $\bigcirc$ $\xleftarrow{\times \frac{9}{16}}$ $\bigcirc$ **$\frac{2}{3}$** Checkpoint

$\downarrow \times \frac{9}{10}$

$\bigcirc$ $\xrightarrow{\times 10}$ **$\frac{3}{4}$** Checkpoint $\xrightarrow{\times \frac{8}{9}}$ $\bigcirc$ $\downarrow \times \frac{3}{4}$

$\bigcirc$ **2** End $\xleftarrow{\times 5}$ $\bigcirc$ $\xleftarrow{\times \frac{4}{5}}$ $\bigcirc$
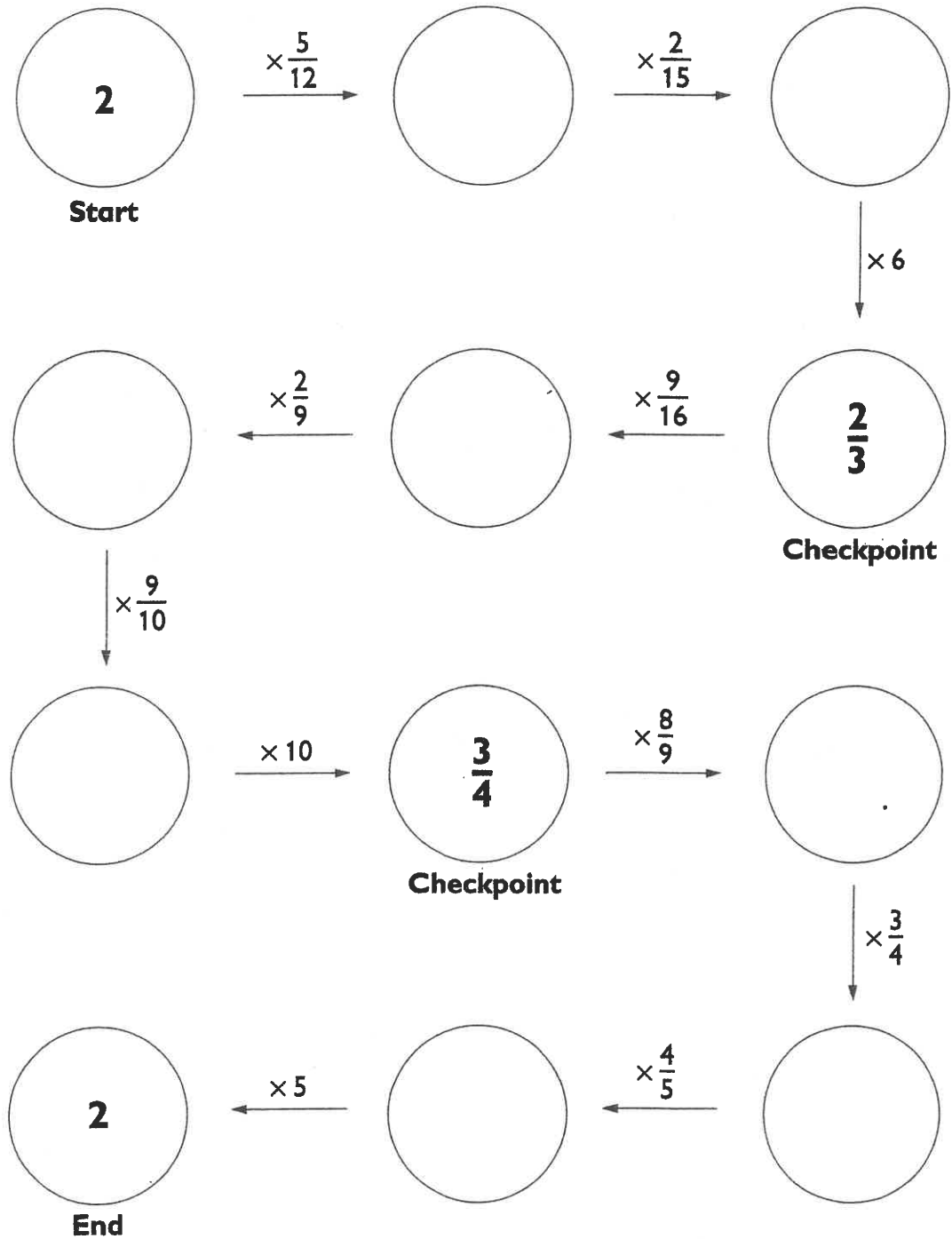
2. Mrs Chen bought $\frac{5}{6}$ kg of meat. She cooked $\frac{2}{3}$ of it. How much meat did she cook?

$$\frac{2}{3} \times \frac{5}{6} =$$

3. A rectangle measures $\frac{3}{4}$ m by $\frac{2}{5}$ m. Find its area.

4. Suhua spent $\frac{3}{5}$ of her money on a calculator and $\frac{2}{3}$ of the remainder on a pen. What fraction of her money had she left?

Multiplying Fractions (A)

Find the value of each expression.

1. $\dfrac{5}{6} \times \dfrac{1}{2}$

2. $\dfrac{4}{9} \times \dfrac{2}{3}$

3. $\dfrac{3}{5} \times \dfrac{3}{4}$

4. $\dfrac{5}{6} \times \dfrac{1}{3}$

5. $\dfrac{7}{9} \times \dfrac{1}{2}$

6. $\dfrac{5}{11} \times \dfrac{1}{3}$

7. $\dfrac{1}{3} \times \dfrac{5}{6}$

8. $\dfrac{1}{2} \times \dfrac{1}{6}$

9. $\dfrac{1}{2} \times \dfrac{1}{3}$

10. $\dfrac{1}{8} \times \dfrac{1}{4}$

11. $\dfrac{1}{2} \times \dfrac{5}{6}$

12. $\dfrac{1}{3} \times \dfrac{4}{5}$