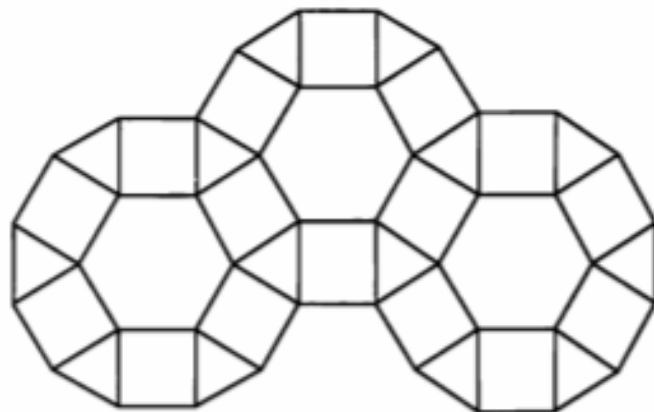


# What Do You Call It When One Movie Is Just Like Another Movie?

Write the letter of each exercise in the box containing the answer.

- 1 This pattern of tiles could be extended to completely cover a surface. Find each ratio:

- T. Hexagons to squares.
- E. Triangles to squares.
- O. Squares to triangles.
- I. Hexagons to all tiles.



- 2 Write each ratio in simplest form.

H.  $\frac{8 \text{ in.}}{3 \text{ ft}}$

E.  $\frac{2 \text{ min}}{300 \text{ s}}$

O.  $\frac{7 \text{ gal}}{10 \text{ qt}}$

R.  $\frac{8 \text{ m}}{60 \text{ cm}}$

E.  $\frac{500 \text{ g}}{4 \text{ kg}}$

- 3 The Vultures had 15 wins, 9 losses, and 1 tie. Write each ratio in simplest form.

- T. wins to losses    O. wins to ties    E. wins to games    U. losses to games

- 4 The steepness or slope of a ski run can be expressed as a ratio of vertical "rise" to horizontal "run". Find each slope.

E.



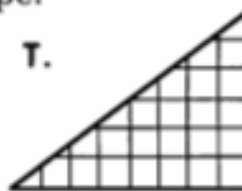
Beginner

S.



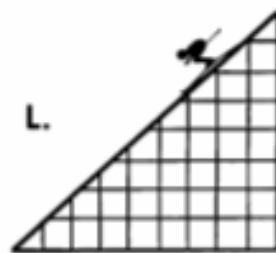
Intermediate

T.



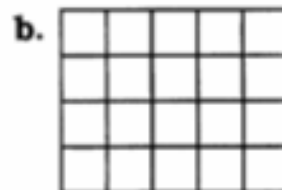
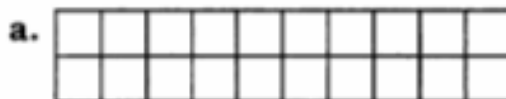
Advanced

L.



Expert

- 5 Find the perimeter and area for each rectangle at the right. Then write each ratio in simplest form.

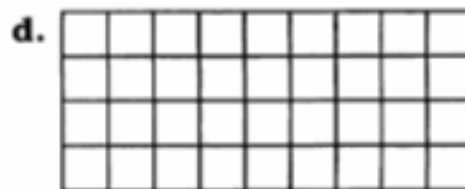
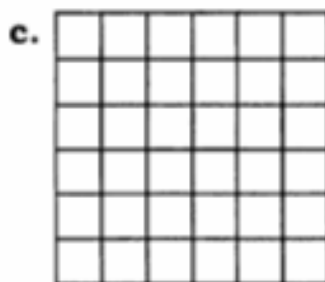


Q.  $\frac{\text{perimeter of a}}{\text{perimeter of b}}$

H.  $\frac{\text{area of a}}{\text{area of b}}$

N.  $\frac{\text{perimeter of c}}{\text{perimeter of d}}$

S.  $\frac{\text{area of a}}{\text{area of c}}$



$\frac{15}{1}$	$\frac{12}{13}$	$\frac{2}{5}$	$\frac{4}{7}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{7}{5}$	$\frac{5}{9}$	$\frac{1}{8}$	$\frac{4}{3}$	$\frac{9}{25}$	$\frac{7}{8}$	$\frac{8}{9}$	$\frac{7}{11}$	$\frac{5}{3}$	$\frac{14}{5}$	$\frac{5}{4}$	$\frac{3}{16}$	1	$\frac{3}{5}$	$\frac{11}{18}$	$\frac{8}{7}$	$\frac{3}{4}$	$\frac{2}{9}$	$\frac{2}{7}$	$\frac{40}{3}$
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