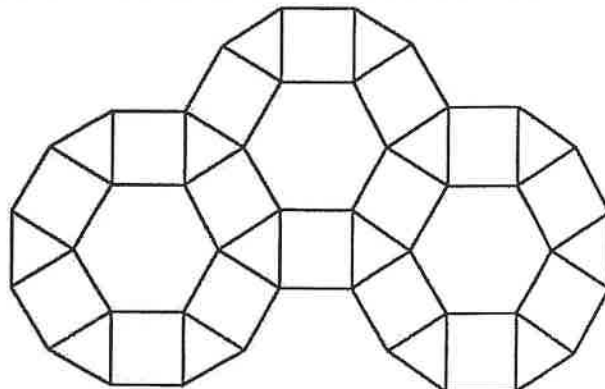


What Do You Call It When One Movie Is Just Like Another Movie?

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

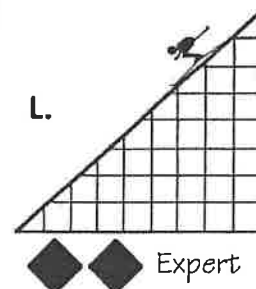
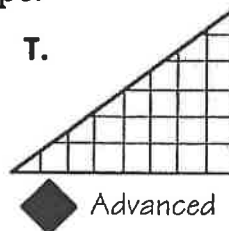
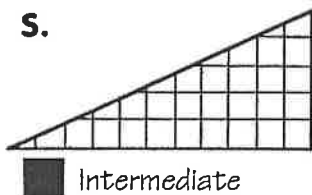
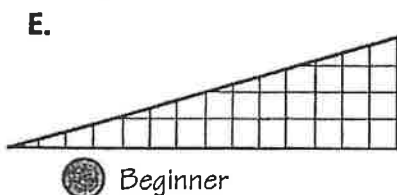
R. $\frac{8 \text{ m}}{60 \text{ cm}}$

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.



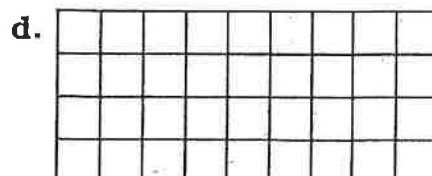
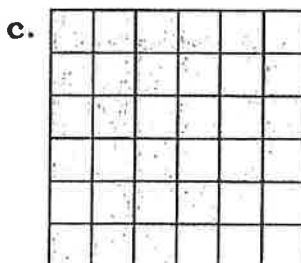
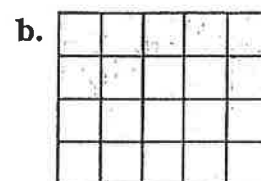
5 Find the perimeter and area for each rectangle at the right. Then write each ratio in simplest form.

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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Why Shouldn't You Cross a Parrot with a Shark?



Do each exercise and find your answer in the Code Key. Write the letter next to the answer in the box containing the number of the exercise.

CODE KEY

$\frac{3}{5}$ A

$\frac{2}{1}$ E

$\frac{4}{3}$ F

$\frac{5}{12}$ G

$\frac{3}{7}$ H

$\frac{5}{3}$ I

$\frac{3}{2}$ K

$\frac{5}{6}$ L

$\frac{1}{2}$ M

$\frac{1}{3}$ O

$\frac{5}{8}$ R

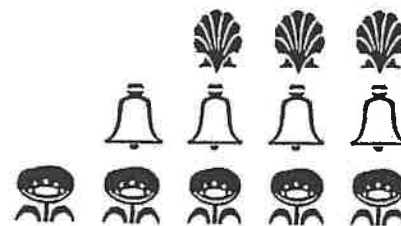
$\frac{3}{4}$ T

$\frac{9}{16}$ U

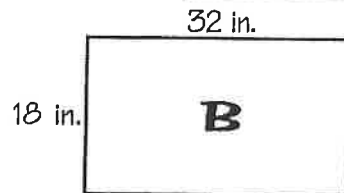
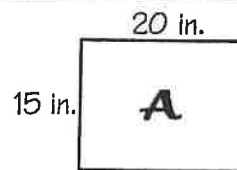
$\frac{4}{7}$ Y

A. Write each ratio.

1. shells to bells
2. bells to shells
3. shells to flowers
4. flowers to shells
5. flowers to all figures
6. bells to all figures



B. Mr. McFoo was comparing two TV screens. Screen A was 15 in. high and 20 in. wide. Screen B was 18 in. high and 32 in. wide. Write each ratio:



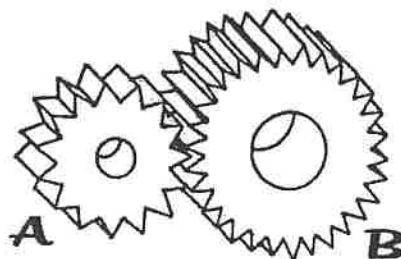
7. height of screen A to width of screen A
8. height of screen B to width of screen B
9. height of screen A to height of screen B
10. width of screen A to width of screen B

C. Kickapoo College has 1400 students, of which 600 are men. Write each ratio:

11. men to women
12. men to all students
13. women to men
14. women to all students

D. Count the number of teeth on each gear. Then write each ratio.

15. teeth on gear A to teeth on gear B
16. teeth on gear B to teeth on gear A



F. Shark Middle School ordered T-shirts for the graduating class. The school ordered 40 small, 50 medium, and 60 large shirts. Write each ratio.

17. number of medium shirts to total number of shirts
18. number of large shirts to number of small shirts

G. The Brighter Brass Company combined 75 kg of copper with 45 kg of zinc to make brass. Write each ratio.

19. copper to zinc
20. zinc to copper
21. copper to brass

4	11	15	19	5	12	1	7	20	9	18	14	17	8	10	16	3	21	6	13	2
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