

Name : _____

Equivalent Ratio

A) Check for equivalency.

- 1) Are 10 : 40 and 1 : 4 equivalent? Yes No
- 2) Are 3 : 7 and 9 : 24 equivalent? Yes No
- 3) Are 12 : 9 and 3 : 4 equivalent? Yes No
- 4) Are 25 : 15 and _____ equivalent? No

B) Find the unknown

1) $9 : x = 18 : 6$

$x =$ _____

4) $9 : 3 = 3 : r$

$r =$ _____

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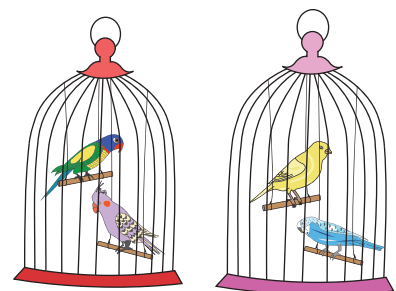
$45 : 15 = v : 3$

$v =$ _____

$z : 24 = 7 : 4$

$z =$ _____

C) A cage has canaries and parakeets in the ratio 4:7. Another cage has cockatiels and lorikeets in the ratio 5:8. Are the ratios of birds in the two cages equivalent?



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B) Find the unknown

1) $9 : x = 18 : 8$ $x = \underline{4}$ $45 : 15 = v : 3$ $v = \underline{9}$ 4) $9 : 3 = 3 : r$ $r = \underline{1}$ $z : 24 = 7 : 4$ $z = \underline{42}$

C) A cage has canaries and parakeets in the ratio 4:7. Another cage has cockatiels and lorikeets in the ratio 5:8. Are the ratios of birds in the two cages equivalent?

Not Equivalent