

## Equivalent Ratio

Sheet 3

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)  $9 : x = 18 : 8$

$x = \underline{\hspace{2cm}}$

4)  $9 : 3 = 3 : r$

$r = \underline{\hspace{2cm}}$

$45 : 15 = v : 3$

$v = \underline{\hspace{2cm}}$

$z : 24 = 7 : 4$

$z = \underline{\hspace{2cm}}$

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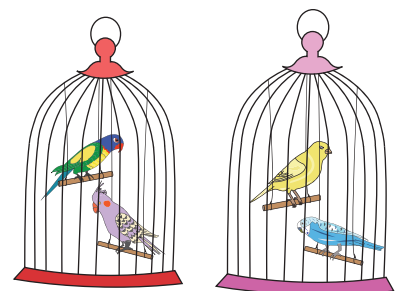
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C) A cage has Canaries and Parakeets in the ratio 4:7. Another cage has Cockatiels and Lorikeets in the ratio 5:8. Are the ratios of birds in the two cages equivalent?



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 Yes No

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 Yes No

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 No

B) Find the unknown

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

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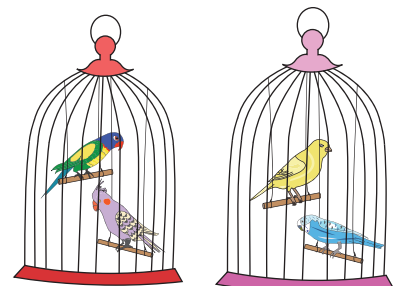
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**Not Equivalent**