

Name: _____ Math 6 Worksheet
Ch. 5 (Ratios)

Equivalent
Fractions

A) Check for equivalency. show arrows under

1) Are 2 : 3 and 10 : 15 equivalent? Yes No

2) Are 8 : 12 and 4 : 5 equivalent? Yes No

3) Are 21 : 6 and 7 : 2 equivalent? Yes No

4) Are 6 : 9 and 24 : 32 equivalent? Yes No

B) Find the unknown value in each problem. show arrows

1) $5:6 = 15:m$

2) $k:5 = 7:1$

3) $6:16 = 3:p$

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

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

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

4) $36:63 = s:7$

5) $9:y = 27:15$

6) $u:3 = 2:6$

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

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

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

C) An urn has four different color balls. The ratio of blue balls to red balls is 3:7 and the ratio of green balls to yellow balls is 9:21. Are the ratios of blue balls to red ball and green balls to yellow balls equivalent?


