Unit 4 Test - REVIEW WKST

_____

Write each ratio as a fraction in simplest form.

1 39 IU fans to 6 Purdue fans

2 4 classrooms to 120 desks

3 24 cats to 40 dogs

4 42 football players to 32 baseball players

Write each rate as a unit rate.

5 $90 for 6 tickets

$_____ per ticket

6 360 miles in 10 hours

_____ mph

7 $526.93 in 29 hours

$_____ per hour

8 1001.13 meters in 39 seconds

_____ meters per second

Determine if the quantities in each pair of rates are proportional.

9 9 cars:4 trucks and
45 cars:16 trucks

Ⓐ yes

Ⓑ no

10 8 assists:4 games and
40 assists:20 games

Ⓐ yes

Ⓑ no

11 10 cookies:6 people and
40 cookies:18 people

Ⓐ yes

Ⓑ no

12 9 basketballs:16 footballs and
45 basketballs:80 footballs

Ⓐ yes

Ⓑ no

Solve each proportion.

13 $\dfrac{6}{3} = \dfrac{b}{8}$

14 $\dfrac{2}{5} = \dfrac{6}{y}$

15 $\dfrac{4}{m} = \dfrac{2}{11}$

16 $\dfrac{c}{9} = \dfrac{4}{12}$

Unit 4 Test - REVIEW WKST
Answer Section

1	13/2
2	1/30
3	3/5
4	21/16
5	15
6	36
7	18.17
8	25.67
9	B
10	A
11	B
12	A
13	16
14	15
15	22
16	3