

Writing an equation to represent a proportional relationship: Worksheet 15.3

Name Date Score

Write equations to represent the proportional relationships given in the tables.

1.

a	5	7	8	9	11
b	15	21	24	27	33

2.

x	4	6	8	14	20
y	16	24	32	56	80

3.

p	6	10	13	14	18
q	18	30	39	42	54

4.

m	6	18	24	30	42
n	4	12	16	20	28

5.

r	10	20	30	40	50
s	6	12	18	24	30

6.

c	8	16	24	32	40
d	6	12	18	24	30

7.

i	10	20	30	40	50
j	8	16	24	32	40

8.

k	14	28	42	56	70
l	6	12	18	24	30

9.

u	2	16	24	32	40
v	7	56	84	112	140

10.

y	12	24	36	48	60
z	21	42	63	84	105



Solutions: Worksheet 15.3

1. $b = 3a$

2. $y = 4x$

3. $q = 3p$

4. $n = 2m/3$

5. $s = 3r/5$

6. $d = 3c/4$

7. $j = 4i/5$

8. $l = 3k/7$

9. $v = 7u/2$

10. $z = 7y/4$

