PROPORTIONAL RELATIONSHIP

7TH GRADE

Cross-multiply to check each proportion.

$$9/13 = 3/4$$

Cross-multiply to check each proportion.

$$5/4 = 7/5$$

Cross-multiply to check each proportion.

$$9/2 = 18/4$$

Cross-multiply to check each proportion.

$6/9 = 10/29$

Cross-multiply to check each proportion.

$4/6 = 9/20$

Cross-multiply to check each proportion.

$13/9 = 19/13$

Cross-multiply to check each proportion.

$6/3 = 42/21$

#8

Cross-multiply to check each proportion.

$11/14 = 31/27$

#10

Cross-multiply to check each proportion.

$6/7 = 16/19$

#9

Cross-multiply to check each proportion.

$6/2 = 27/9$

#11

Find the constant of proportionality for each set of values. k = ?

x	1	2	3	4
y	2	4	6	8

#12

Find the constant of proportionality for each set of values. k = ?

x	5	15	25	35
y	1	3	5	7

#14

Find the constant of proportionality for each set of values. k = ?

x	4	8	12	16
y	1	2	3	4

#13

Find the constant of proportionality for each set of values. k = ?

x	18	30	42	54
y	3	5	7	9

#15

Find the constant of proportionality for each set of values. k = ?

x	3	6	9	12
y	2	4	6	8

#16

Find the constant of proportionality for each set of values. k = ?

x	5	10	15	25
y	4	8	12	20

#18

Find the constant of proportionality for each set of values. k = ?

x	4	8	12	16
y	3	6	9	12

#17

Find the constant of proportionality for each set of values. k = ?

x	0.25	1	3	4
y	0.5	2	6	8

#19

Find the constant of proportionality for each set of values. k = ?

x	0.4	0.8	1.4	1.8
y	2	4	7	9

#20

Find the constant of proportionality for each set of values. k = ?

x	4.5	6	10.5	12
y	7.5	10	17.5	20

#22

8/n = 21/12

#21

4/3 = n/6

#23

18/35 = 1/n

#24

$$6/9 = n/40$$

#25

$$n/17 = 6/4$$

#26

$$\frac{1}{2} = 58/n$$

#27

$$3/2 = n/6$$

$$7/x = 21/12$$

$$5/8 = i/40$$

$$1/2 = 56/m$$

TASK CARDS - ANSWERS

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

1 $25 \neq 28$	**2** $36 \neq 39$	**3** $36 = 36$	**4** $174 \neq 90$	**5** $169 \neq 171$	**6** $80 \neq 54$
7 $126 = 126$	**8** $407 \neq 434$	**9** $54 = 54$	**10** $114 \neq 112$	**11** 2	**12** $1/5$
13 $1/6$	**14** $1/4$	**15** $2/3$	**16** $4/5$	**17** 2	**18** $3/4$
19 5	**20** $1\ 2/3$	**21** $n = 8$	**22** $n = 96/21$	**23** $n = 35/18$	**24** $n = 240/9$
25 $n = 25.5$	**26** $n = 116$	**27** $n = 9$	**28** $n = 4$	**29** $n = 112$	**30** $n = 25$