

Varied Fluency Inverse Operations

Developing

- 1a. $18 \div 3 = 6$ and $18 \div 6 = 3$
2a. $A = 18$ and $B = 36$
3a. $A = 7$, $B = 48$ and $C = 12$
4a. $A = 3$, $B = 2$ and $C = 1$

Expected

- 5a. $12 \times 6 = 72$ and $6 \times 12 = 72$
6a. $A = 42$ and $B = 84$
7a. $A = 12$, $B = 8$ and $C = \div$
8a. $A = 2$, $B = 3$ and $C = 1$

Greater Depth

- 9a. $108 \div 9 = 12$ or $108 \div 12 = 9$
 $9 \times 12 = 108$ or $12 \times 9 = 108$
10a. $56\text{cm} \div 7 = 8\text{cm}$, so each piece of ribbon is 8cm long
 $96\text{cm} \div 8 = 12$ pieces of ribbon
11a. $A = 12$, $B = 84$ and x , $C = 72$ and x
12a. $A = 1$, $B = 3$ and $C = 2$

Varied Fluency Inverse Operations

Developing

- 1b. $20 \div 5 = 4$ and $20 \div 4 = 5$
2b. $A = 24$ and $B = 48$
3b. $A = 7$, $B = 8$ and $C = 9$
4b. $A = 1$, $B = 3$ and $C = 2$

Expected

- 5b. $132 \div 11 = 12$ and $132 \div 12 = 11$
6b. $A = 8$ and $B = 72$
7b. $A = 11$, $B = \div$ and $C = 9$
8b. $A = 2$, $B = 1$ and $C = 3$

Greater Depth

- 9b. $8 \times 12 = 96$ or $12 \times 8 = 96$
 $96 \div 8 = 12$ or $96 \div 12 = 8$
10b. $72\text{m} \div 8 = 9\text{m}$, so each plank is 9m long
 $135\text{m} \div 9 = 15$ planks
11b. $A = 96$ and x , $B = 110$ and x , $C = 12$
12b. $A = 2$, $B = 3$ and $C = 1$