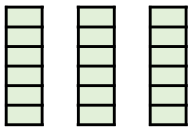
Inverse Operations

1a. Write two number sentences which could be used to check the answer to:



= 18

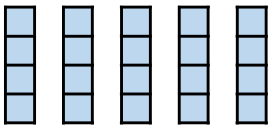
□ ÷ □ = □

□ ÷ □ = □

D VF

Inverse Operations

1b. Write two number sentences which could be used to check the answer to:



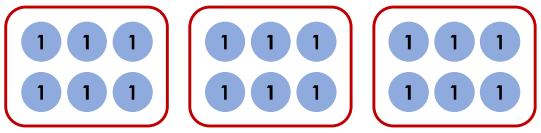
= 20

□ ÷ □ = □

□ ÷ □ = □

D VF

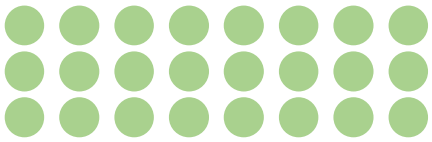
2a. Using the fact 18 ÷ 3 = 6, work out:



A. 6 x 3 = □ B. 12 x 3 = □

D VF

2b. Using the fact 3 x 8 = 24, work out:



A. 8 x 3 = □ B. 6 x 8 = □

D VF

3a. Use the inverse to complete the calculations below.

A. 35 = □ x 5

B. □ = 6 x 8

C. 5 = 60 ÷ □

D VF

3b. Use the inverse to complete the calculations below.

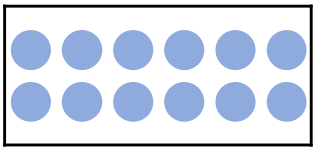
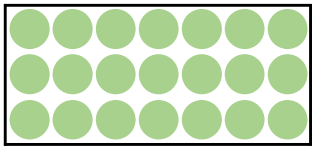
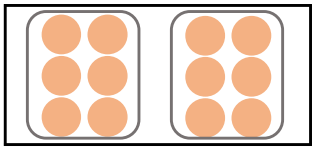
A. □ = 21 ÷ 3

B. 64 = □ x 8

C. □ = 54 ÷ 6

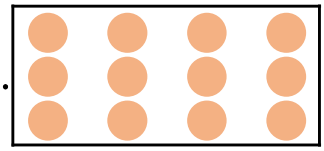
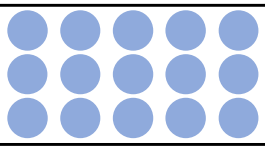
D VF

4a. Match the related facts.

A.	40 ÷ 10 = 4	1.	
B.		2.	21 ÷ 3 = 7
C.		3.	4 x 5 = 20

D VF

4b. Match the related facts.

A.		1.	3 x 8 = 24
B.	9 x 8 = 72	2.	
C.	30 ÷ 10 = 3	3.	4 x 9 = 36

D VF

Inverse Operations

5a. Write two number sentences which could be used to check the answer to:

72 ÷ 6 = 12

☐ x ☐ = ☐

☐ x ☐ = ☐

VF

Inverse Operations

5b. Write two number sentences which could be used to check the answer to:

11 x 12 = 132

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

VF

6a. Using the fact 42 ÷ 7 = 6, work out:

A. 6 x 7 = ☐ B. 7 x 12 = ☐

VF

6b. Using the fact 9 x 4 = 36, work out:

A. 72 ÷ 9 = ☐ B. 8 x 9 = ☐

VF

7a. Use the inverse to complete the calculations below.

A. 72 = ☐ x 6

B. 56 = 7 x ☐

C. 6 = 36 ☐ 6

VF

7b. Use the inverse to complete the calculations below.

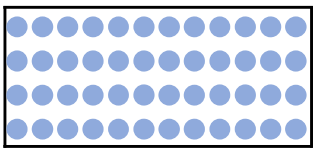
A. 99 = 9 x ☐

B. 8 = 48 ☐ 6

C. 63 = ☐ x 7

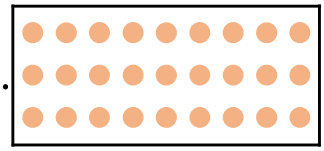
VF

8a. Match the related facts.

A.	66 ÷ 6	1.	32 ÷ ____ = 2
B.		2.	six lots of eleven
C.	32 is a multiple of 16 and 2	3.	48 ÷ ____ = 4

VF

8b. Match the related facts.

A.		1.	9 x ____ = 81
B.	9 is a factor of 81	2.	27 ÷ ____ = 9
C.	44 ÷ 11	3.	four lots of eleven

VF

Inverse Operations

9a. Create two related number sentences using three of the numbers below.

108 5 9 12 20

□ ÷ □ = □

□ x □ = □

GD VF

9b. Create two related number sentences using three of the numbers below.

12 13 94 96 8

□ x □ = □

□ ÷ □ = □

GD VF

10a. Polly works out that 7 equal sized pieces of ribbon have a total length of 56cm.

How many pieces of ribbon would have a total length of 96cm?

GD VF

10b. Theo works out that 8 equal sized planks of wood have a total length of 72m.

How many planks would have a total length of 135m?

GD VF

11a. Calculate the missing numbers and x or ÷ symbols below.

A. 132 = □ x 11

B. □ = 7 □ 12

C. □ = 8 □ 9

GD VF

11b. Calculate the missing numbers and x or ÷ symbols below.

A. □ = 8 □ 12

B. □ = 10 □ 11

C. 108 = □ x 9

GD VF

12a. Match the related facts.

A.	____ ÷ 12 = 12	1.	16 and 36 are both factors of the missing number.
B.	96 ÷ _____ = 8	2.	9 x 8 = ___
C.	6 and 12 are also factors of the missing number.	3.	Multiples of the missing number include 48 and 84.

GD VF

12b. Match the related facts.

A.	Multiples of the missing number include 36 and 60.	1.	Multiples of the missing number include 33 and 88.
B.	___ x 12 = 120	2.	132 ÷ ___ = 11
C.	77 ÷ 7 = _____	3.	1 and 5 are both factors of the missing number.

GD VF