



Farm Counting

Name _____

Date _____

Count the blocks



Make 10 Find the missing number.

$7 + \boxed{} = 10$

$4 + \boxed{} = 10$

$2 + \boxed{} = 10$

$5 + \boxed{} = 10$

$9 + \boxed{} = 10$

$6 + \boxed{} = 10$

Skip counting

By 2s

2	4		8		12
---	---	----------------------	---	----------------------	----

By 5s

5	10		20		30
---	----	----------------------	----	----------------------	----

By 10s

10	20		40		60
----	----	----------------------	----	----------------------	----

Farm stories

1 You have 6 eggs. A chicken lays 3 more. How many eggs now? eggs

2 12 cows are in a field. 4 walk away. How many are left? cows

3 You plant 5 seeds in one row and 5 in another row. How many seeds? seeds

Color one gem for every answer you get right.





Mob Defense

Name _____

Date _____

■ Missing numbers

$7 \times \boxed{} = 56$

$\boxed{} \times 6 = 54$

$4 \times \boxed{} = 36$

$\boxed{} \div 3 = 8$

$42 \div \boxed{} = 7$

$\boxed{} \times 5 = 35$

■ Bigger multiplying Split the tens and ones.

$23 \times 4 = \boxed{}$

$15 \times 6 = \boxed{}$

$32 \times 3 = \boxed{}$

$41 \times 5 = \boxed{}$

■ Defend the base

- 1 4 waves of zombies attack. Each wave has 12 zombies.
How many zombies in all?

 zombies

- 2 Each target needs 5 arrows. You have 60 arrows. How
many targets can you hit?

 targets

- 3 You build 7 walls with 9 blocks each and still have 20
blocks left. How many blocks did you start with?

 blocks

- 4 27 players make teams of 2. How many teams, and is
anyone left over?

Color one gem for every answer you get right.





Name _____

Date _____

■ Order of operations Brackets first, then $\times$ and $\div$, then $+$ and $-$.

$3 + 4 \times 5 = \boxed{}$

$(8 - 2) \times 6 = \boxed{}$

$20 - 12 \div 4 = \boxed{}$

$2 \times (3 + 7) - 5 = \boxed{}$

■ Digging below zero

8 Sea level is 0. You dig from level 12 down to level -20 . How many levels did you go down? levels

6 You are at level -35 and climb up 50 levels. What level are you on now?

7 Order these from deepest to highest: 8, -14 , 0, -3 .

■ Ratios and percents

8 A lamp circuit uses 2 redstone for every 3 iron. You use 12 iron. How much redstone? redstone

9 You have 80 blocks. 25% of them are glass. How many glass blocks? blocks

10 A piston door opened 45 times out of 60 tries. What percent of tries worked?





Set 2 Answers

Level 1 · Farm Counting

Count the blocks **11, 14**

Make 10 **3, 6, 8, 5, 1, 4**

By 2s **6, 10**

By 5s **15, 25**

By 10s **30, 50**

1. Eggs **9**

2. Cows **8**

3. Seeds **10**

Level 2 · Mob Defense

Missing numbers **8, 9, 9, 24, 6, 7**

23×4, 15×6 **92, 90**

32×3, 41×5 **96, 205**

1. Zombies **48**

2. Targets **12**

3. $7 \times 9 + 20$ **83 blocks**

4. Teams **13 teams, 1 left over**

Level 3 · Redstone Engineer

1. $3 + 20$ **23**

2. 6×6 **36**

3. $20 - 3$ **17**

4. $20 - 5$ **15**

5. 12 to -20 **32 levels**

6. $-35 + 50$ **level 15**

7. Deepest first **-14, -3, 0, 8**

8. $12 \div 3 \times 2$ **8 redstone**

9. 25% of 80 **20**

10. 45/60 **75%**

Tips For grown-ups

For “Make 10”, ten blocks split into two piles is the best model. For “Bigger multiplying”, show 23×4 as 20×4 plus 3×4 .

For negative numbers, draw a vertical line like a mine shaft with 0 at the surface.