# Grade 2 Unit 3 worksheet: Regrouping in addition (answer key)

**ANSWERS AT A GLANCE**

**1.** (a) 75 (b) 95 (c) 81 (d) 90 (e) 74 (f) 82

**2.** 91 times

**3.** 125 crayons

**4.** 6 stacks and 3 loose cups, which is 63 cups.

**WORKED SOLUTIONS**

**1.** Add. Trade ten ones for a ten.

(a) 29 + 46 = _____ (b) 57 + 38 = _____ (c) 64 + 17 = _____

(d) 35 + 55 = _____ (e) 48 + 26 = _____ (f) 19 + 63 = _____

**ANSWER**

(a) 75 (b) 95 (c) 81 (d) 90 (e) 74 (f) 82

**SOLUTION**

Add the ones first. Ten ones make 1 new ten for the tens.

(a) 9 + 6 = 15 ones. Tens: 2 + 4 + 1 = 7. So 75.

(b) 7 + 8 = 15 ones. Tens: 5 + 3 + 1 = 9. So 95.

(c) 4 + 7 = 11 ones. Tens: 6 + 1 + 1 = 8. So 81.

(d) 5 + 5 = 10 ones, so 0 ones are left. Tens: 3 + 5 + 1 = 9. So 90.

(e) 8 + 6 = 14 ones. Tens: 4 + 2 + 1 = 7. So 74.

(f) 9 + 3 = 12 ones. Tens: 1 + 6 + 1 = 8. So 82.

**2.** Lucas jumps rope 56 times. Then he jumps 35 more. He jumps _____ times in all.

**ANSWER**

91 times

**SOLUTION**

Ones: 6 + 5 = 11. Trade 10 ones for 1 ten. 1 one is left.

Tens: 5 + 3 + 1 = 9. So 56 + 35 = 91.


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**3.** Our class has 57 red crayons. It has 68 blue crayons. There are _____ crayons in all.

**ANSWER**

125 crayons

**SOLUTION**

Ones: 7 + 8 = 15. That is 1 new ten and 5 ones.

Tens: 5 + 6 + 1 = 12 tens. Ten tens make 1 hundred, so that is 1 hundred and 2 tens.

So 57 + 68 = 125.

**4.** Our class stacks paper cups in tens. Ava has 3 stacks and 8 loose cups. Ben has 2 stacks and 5 loose cups. They put them together. Now there are _____ stacks and _____ loose cups.

**ANSWER**

6 stacks and 3 loose cups, which is 63 cups.

**SOLUTION**

Stacks: 3 + 2 = 5. Loose cups: 8 + 5 = 13.

Ten loose cups make a new stack. So there are 6 stacks and 3 loose cups: 63 cups.


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