



Are you ready for Beast Academy 1C?



Before beginning Beast Academy 1C, students should be able to add and subtract numbers within 100 using a variety of strategies.

Beginner readers may need lots of help using Beast Academy 1C.

A student ready for Beast Academy 1C should be able to answer at least 12 of the 17 problems below correctly.

Step 1. The student should try to answer every question with reading help from a parent if needed.

Step 2. Check the student's answers using the solutions at the end of this document.

Step 3. The student should be given a second chance on problems answered incorrectly.

Fill in the blanks to make the equations below true.

1. $8 + 8 = \square$

2. $15 - 6 = \square$

3. $\square = 30 + 10$

4. $7 + \square = 20$

5. $59 - \square = 53$

6. $\square + 7 = 80$

7. $32 - 9 = 32 - 2 - \square$

8. $25 + 14 = 25 + 10 + \square$

9. $7 + 29 + 3 = 10 + \square$

10. $38 - 2 - 2 - 2 = 38 - \square$



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Cross out numbers in each grid so that the remaining numbers in every row and column add up to the target sum as shown in the example.

Ex. Target: 10

5	7	3
5	6	5
5	3	2

11. Target: 12

3	9	5
2	3	7
7	12	5

12. Target: 20

15	10	10
15	5	10
5	5	10

13. Target: 15

8	7	7
8	8	7
7	6	8

14. Target: 18

6	6	12
9	9	6
9	3	6

15. Target: 16

11	11	5
5	5	11
5	11	5

Fill the empty squares below with numbers so that the equations from left-to-right and top-to-bottom are all correct.

16.

30	+	5	=	
+		+		+
	+		=	
=		=		=
40	+	12	=	

17.

	-	7	=	
-		-		-
41	-		=	
=		=		=
8	-		=	3



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Solutions

1. $8+8=\boxed{16}$
2. $15-6=\boxed{9}$
3. $\boxed{40}=30+10$
4. $7+\boxed{13}=20$
5. $59-\boxed{6}=53$
6. $\boxed{73}+7=80$
7. $32-9=32-2-\boxed{7}$
8. $25+14=25+10+\boxed{4}$
9. $7+29+3=10+\boxed{29}$
10. $38-2-2-2=38-\boxed{6}$

Ideally, students should be recognizing relationships between numbers in problems 7 through 10. For example, students should recognize that subtracting three 2's in problem ten is the same as subtracting 6 (without ever computing $38-2-2-2=32$).

Students who are not spotting these relationships might benefit from starting in Beast Academy 1B, which focuses on a variety of addition and subtraction strategies and helps build number sense for young students.

11. Target: 12

3	9	5
2	3	7
7	12	5

12. Target: 20

15	10	10
15	5	10
5	5	10

13. Target: 15

8	7	7
8	8	7
7	6	8

14. Target: 18

6	6	12
9	9	6
9	3	6

15. Target: 16

11	11	5
5	5	11
5	11	5

16.

30	+	5	=	35
+		+		+
10	+	7	=	17
=		=		=
40	+	12	=	52

17.

49	-	7	=	42
-		-		-
41	-	2	=	39
=		=		=
8	-	5	=	3