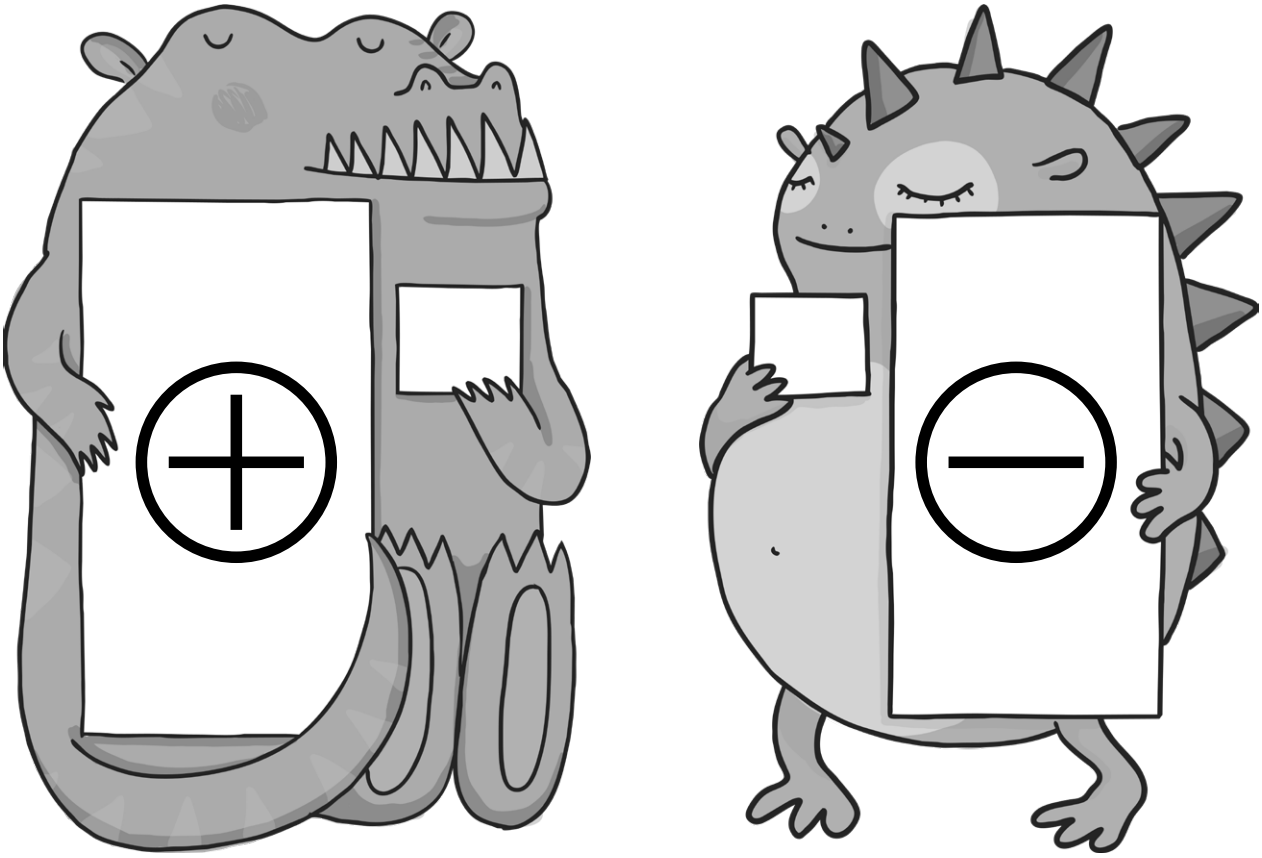
Maths Addition and Subtraction Workbook - Answers



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Home Learning Maths Workbook Pack - Answers

Addition and Subtraction - Answers

Statutory Requirements	Worksheet	Page Number	Notes
Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures.	Hops to and from 10 Addition to 20 on a number line Subtraction within 20 on a number line	3 4 5	
Solve problems with addition and subtraction. Applying their increasing knowledge of mental and written methods.	Monsters colour by number addition and subtraction up to 20	6	
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	Addition and Subtraction facts to 20 Deriving Facts to 100	7 8	
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:			
A two-digit number and ones.	Adding/subtracting 2 digit numbers and ones crossing 10	9 - 10	
A two-digit number and tens.	Adding/subtracting 2 digit numbers and tens not crossing 100	11 - 12	
Two two-digit numbers.	Adding two 2-digit numbers beyond 100 Subtracting tens and ones from 2 digit numbers not crossing 100 Subtracting tens and ones from 3 digit numbers crossing 100	13 14 15	
Adding three one-digit numbers.	Adding three one-digit numbers using number facts to 10 Adding three one-digit numbers - Which 3 numbers?	16 17	
Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.	Addition can be done in any order - subtraction can't!	18	
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	Number family worksheets Using Inverse Operations to check – Two Digits Plus One Digit	19 - 22 23	

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Example answers (working systematically):		
***These assume that Peter Rabbit cannot make hops of zero.**		
1	+1	+8
1	+2	+7
1	+3	+6
1	+4	+5
1	+5	+4
1	+6	+3
1	+7	+2
1	+8	+1
2	+1	+7
2	+2	+6
2	+3	+5
2	+4	+4
2	+5	+3
2	+6	+2
2	+7	+1
3	+1	+6
3	+2	+5
3	+3	+4
7	+1	+2
7	+2	+1
8	+1	+1

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question	answer
Sheet 1.	
1	5 + 3 = **8**
2	8 + 3 = **11**
3	6 + 6 = **12**
4	4 + 5 = **9**
5	4 + 7 = **11**
6	7 + 6 = **13**
7	8 + 4 = **12**
8	9 + 6 = **15**
9	3 + 9 = **12**
10	2 + 10 = **12**
Sheet 2.	
1	5 + 7 = **12**
2	6 + 4 = **10**
3	8 + 3 = **11**
4	7 + 6 = **13**
5	4 + 8 = **12**
6	9 + 3 = **12**
7	8 + 6 = **14**
8	5 + 6 = **11**
9	9 + 2 = **11**
10	8 + 7 = **15**
Sheet 3.	
1	11 + 4 = **15**
2	12 + 5 = **17**
3	8 + 9 = **17**
4	6 + 3 = **9**
5	9 + 6 = **15**
6	4 + 7 = **11**
7	9 + 9 = **18**
8	12 + 3 = **15**
9	7 + 9 = **16**
10	13 + 5 = **18**

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question	answer
Sheet 1.	
1	**3**
2	**4**
3	**4**
4	**11**
5	**3**
6	**11**
7	**19**
8	**11**
9	**13**
10	**6**
Sheet 2.	
1	**8**
2	**9**
3	**13**
4	**5**
5	**15**
6	**9**
7	**1**
8	**4**
9	**5**
10	**0**
Sheet 3.	
1	**5**
2	**2**
3	**1**
4	**2**
5	**6**
6	**2**
7	**5**
8	**5**
9	**12**
10	**15**

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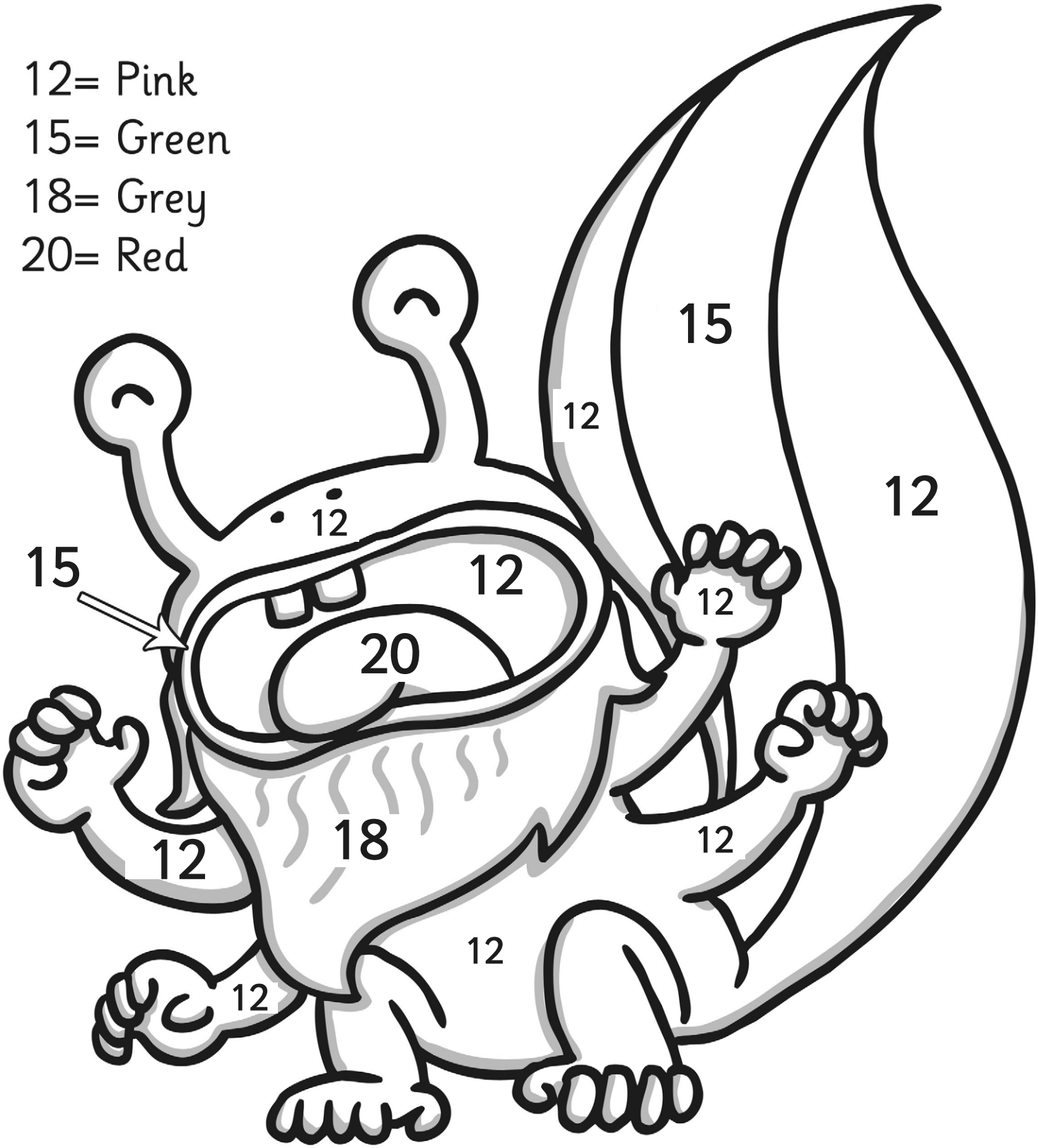
Monsters Colour by Number Addition and Subtraction up to 20

Solve the calculations in the picture to work out what colours they should be!

12= Pink
15= Green
18= Grey
20= Red



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Addition and Subtraction Facts to 20 – Speed Test: **Answers**

6 + 6 = **12**	8 - 6 = **2**	9 - 3 = **6**	13 - 4 = **9**	4 - 1 = **3**
14 + 5 = **19**	2 + 17 = **19**	7 - 4 = **3**	4 + 9 = **13**	4 - 2 = **2**
9 - 7 = **2**	3 + 9 = **12**	15 - 1 = **14**	20 - 10 = **10**	10 - 5 = **5**
2 + 11 = **13**	3 + 1 = **4**	14 - 7 = **7**	17 + 2 = **19**	2 + 3 = **5**
2 + 15 = **17**	3 - 2 = **1**	9 + 3 = **12**	6 + 4 = **10**	15 - 6 = **9**
7 - 3 = **4**	11 + 5 = **16**	8 - 5 = **3**	7 + 8 = **15**	4 + 6 = **10**
10 + 10 = **20**	18 - 4 = **14**	3 + 4 = **7**	20 - 19 = **1**	4 + 9 = **13**
8 - 2 = **6**	10 + 0 = **10**	8 + 8 = **16**	14 + 2 = **16**	7 - 2 = **5**
11 + 1 = **12**	13 - 5 = **8**	17 - 2 = **15**	9 - 4 = **5**	19 + 1 = **20**
14 - 1 = **13**	12 - 9 = **3**	3 + 7 = **10**	5 + 5 = **10**	15 - 9 = **6**

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Deriving Facts to 100: **Answers**

question	answer	
A.		
	To 10	**To 100**
1	9	90
2	3	30
3	10	100
4	9	90
5	2	20
6	5	50
7	3	30
8	10	100
9	9	90
10	1	10
11	1	10
12	5	50
B.		
1	100	
2	70	
3	20	
4	50	
5	90	
6	80	
7	30	
8	10	
9	100	
10	10	
11	80	
12	50	

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question	answer			
Sheet 1.				
1	**11**	**21**	**51**	**71**
2	**11**	**21**	**41**	**81**
3	**14**	**24**	**54**	**104**
4	**12**	**22**	**72**	**92**
5	**14**	**24**	**64**	**94**
6	**13**	**23**	**53**	**83**
7	**12**	**22**	**62**	**102**
8	**13**	**23**	**63**	**83**
9	**15**	**25**	**65**	**105**
10	**13**	**23**	**73**	**93**
Sheet 2.				
1	**9**	**19**	**39**	**79**
2	**14**	**24**	**34**	**74**
3	**10**	**20**	**60**	**100**
4	**13**	**23**	**53**	**73**
5	**7**	**17**	**27**	**67**
6	**16**	**26**	**46**	**106**
7	**10**	**20**	**50**	**70**
8	**12**	**22**	**52**	**72**
9	**17**	**27**	**57**	**87**
10	**9**	**19**	**69**	**79**

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question	answer			
Sheet 1.				
1	**9**	**19**	**39**	**89**
2	**17**	**27**	**37**	**57**
3	**4**	**14**	**44**	**84**
4	**7**	**17**	**57**	**77**
5	**6**	**16**	**36**	**66**
6	**13**	**23**	**33**	**93**
7	**15**	**35**	**65**	**75**
8	**6**	**16**	**36**	**66**
9	**13**	**23**	**53**	**73**
10	**6**	**16**	**36**	**56**
Sheet 2.				
1	**2**	**12**	**22**	**32**
2	**4**	**14**	**34**	**64**
3	**1**	**11**	**51**	**91**
4	**4**	**14**	**64**	**84**
5	**6**	**16**	**36**	**56**
6	**9**	**19**	**29**	**69**
7	**13**	**23**	**33**	**73**
8	**5**	**15**	**25**	**45**
9	**7**	**17**	**37**	**77**
10	**5**	**25**	**45**	**65**

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question	answer			
Sheet 1.				
1	**40**	**45**	**47**	**48**
2	**50**	**55**	**56**	**59**
3	**30**	**36**	**37**	**39**
4	**90**	**93**	**94**	**98**
5	**80**	**84**	**85**	**88**
6	**80**	**85**	**87**	**88**
7	**80**	**81**	**84**	**88**
8	**90**	**92**	**94**	**98**
9	**30**	**31**	**34**	**37**
10	**30**	**33**	**36**	**39**

question	answer				
Sheet 2.					
1	**84**	2	**98**	3	**93**
4	**75**	5	**56**	6	**53**
7	**82**	8	**75**	9	**23**
10	**66**	11	**28**	12	**98**
13	**82**	14	**95**	15	**85**
16	**36**	17	**77**	18	**65**
19	**34**	20	**72**	21	**84**
22	**44**	23	**64**	24	**72**

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question	answer			
Sheet 1.				
1	**10**	**20**	**50**	**60**
2	**1**	**21**	**31**	**51**
3	**27**	**47**	**77**	**87**
4	**9**	**29**	**49**	**59**
5	**3**	**13**	**33**	**53**
6	**2**	**12**	**22**	**32**
7	**5**	**15**	**25**	**65**
8	**9**	**19**	**29**	**49**
9	**17**	**37**	**47**	**87**
10	**51**	**61**	**71**	**91**

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question	answer				
Sheet 1.					
1	**133**	2	**159**	3	**153**
4	**130**	5	**115**	6	**167**
7	**143**	8	**124**	9	**126**
10	**123**	11	**143**	12	**185**
13	**141**	14	**150**	15	**157**
16	**135**	17	**110**	18	**180**
19	**158**	20	**174**	21	**141**
Sheet 2.					
1	**130**	2	**136**	3	**105**
4	**101**	5	**141**	6	**122**
7	**172**	8	**142**	9	**105**
10	**143**	11	**147**	12	**163**
13	**125**	14	**148**	15	**136**
16	**189**	17	**167**	18	**155**
19	**149**	20	**124**	21	**159**
Sheet 3.					
1	**131**	2	**135**	3	**113**
4	**110**	5	**154**	6	**159**
7	**136**	8	**153**	9	**157**
10	**127**	11	**158**	12	**169**
13	**102**	14	**163**	15	**121**
16	**166**	17	**118**	18	**158**
19	**104**	20	**117**	21	**111**

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question	answer				
Sheet 1.					
1	**25**	2	**38**	3	**34**
4	**44**	5	**29**	6	**9**
7	**19**	8	**11**	9	**23**
10	**25**	11	**22**	12	**26**
13	**32**	14	**71**	15	**21**
16	**57**	17	**61**	18	**9**
19	**5**	20	**25**	21	**18**
22	**42**	23	**47**	24	**48**
Sheet 2.					
1	**9**	2	**28**	3	**27**
4	**9**	5	**29**	6	**65**
7	**29**	8	**37**	9	**37**
10	**7**	11	**14**	12	**19**
13	**46**	14	**11**	15	**16**
16	**17**	17	**9**	18	**52**
19	**18**	20	**54**	21	**26**

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question	answer				
Sheet 1.					
1	**60**	2	**48**	3	**52**
4	**34**	5	**74**	6	**31**
7	**99**	8	**85**	9	**58**
10	**79**	11	**62**	12	**22**
13	**35**	14	**61**	15	**68**
16	**35**	17	**59**	18	**41**
19	**102**	20	**65**	21	**124**
Sheet 2.					
1	**69**	2	**102**	3	**111**
4	**152**	5	**112**	6	**64**
7	**71**	8	**88**	9	**114**
10	**175**	11	**76**	12	**76**
13	**80**	14	**99**	15	**118**
16	**102**	17	**155**	18	**81**
19	**74**	20	**71**	21	**166**

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question	answer
Sheet 1.	
1	**4** + **6** + 3 = 13
2	**5** + **5** + 6 = 16
3	**7** + **3** + 4 = 14
4	**8** + **2** + 9 = 19
5	**1** + **9** + 7 = 17
6	**7** + 2 + **3** = 12
7	**6** + 3 + **4** = 13
8	**3** + 8 + **7** = 18
9	**5** + 3 + **5** = 13
10	**2** + 9 + **8** = 19
11	**5** + 8 + **5** = 18
12	5 + **7** + **3** = 15
13	4 + **8** + **2** = 14
14	**9** + 5 + **1** = 15
15	**8** + **2** + 7 = 17
16	7 + **7** + **3** = 17 (can be either 7)
17	4 + **8** + **2** = 14
18	**5** + **5** + 5 = 15 (can be either 5)
19	3 + **3** + **7** = 13 (can be either 3)
20	8 + **8** + **2** = 18 (can be either 8)
21	**6** + **4** + 6 = 16 (can be either 6)
22	**5** + 2 + **5** = 12
23	1 + **1** + **9** = 11 (can be either 1)
24	**7** + 8 + **3** = 18
25	**5** + 7 + **5** = 17
26	**6** + **4** + 9 = 19
27	**7** + 2 + **3** = 12
28	6 + **3** + **7** = 16
29	7 + **6** + **4** = 17
30	9 + **2** + **8** = 19

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question	answer
Sheet 1.	
1	4 + 5 + 6
2	9 + 1 + 8
3	7 + 8 + 1
4	8 + 8 + 4
5	3 + 4 + 5
6	3 + 3 + 4
7	7 + 3 + 4
8	6 + 5 + 9
9	4 + 2 + 1
10	5 + 5 + 3
11	5 + 4 + 2
12	9 + 8 + 5
13	5 + 8 + 4
14	4 + 4 + 1
15	6 + 8 + 9
16	2 + 5 + 1
17	4 + 6 + 9
18	8 + 7 + 9
19	4 + 6 + 5
20	7 + 4 + 9
21	3 + 8 + 1

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Addition Can Be Done In Any Order - Subtraction Can't: **Answers**

question	answer	
A.		
1	3 + 4 = **7**	
2	2 + 9 = **11**	
3	4 + 7 + 6 = **17**	
4	10 + 19 = **29**	
5	15 + 18 = **33**	
6	7 + **2** = 9	
7	3 + **7** + 6 = 16	
8	6 + **5** + **4** + **5** = 20 (any order)	
9	20 + **23** = **43**	
10	24 + **27** = **51**	
B.		
1.	7 – 4 = 3 **Correct!**	4 – 7 = 3 **Wrong!**
2.	8 – 13 = 5 **Wrong!**	13 – 8 = 5 **Correct!**
3.	10 - 17 = 7 **Wrong!**	17 – 10 = 7 **Correct!**
4.	1 – 99 = 98 **Wrong!**	99 – 1 = 98 **Correct!**
5.	21 – 18 = 3 **Correct!**	18 – 21 = 3 **Wrong!**
6.	12 – 5 = 7 **Correct!**	5 – 12 = 7 **Wrong!**
7.	30 – 18 = 12 **Correct!**	18 – 30 = 12 **Wrong!**
8.	30 – 40 = 10 **Wrong!**	40 – 30 = 10 **Correct!**
9.	8 – 4 – 2 = 2 **Correct!**	4 – 8 – 2 = 2 **Wrong!**
10.	43 – 17 = 26 **Correct!**	17 – 43 = 26 **Wrong!**

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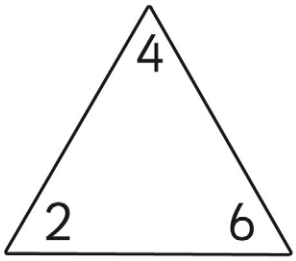
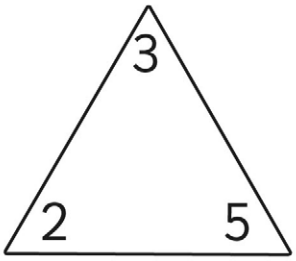
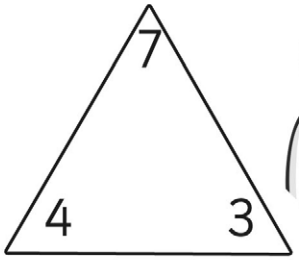
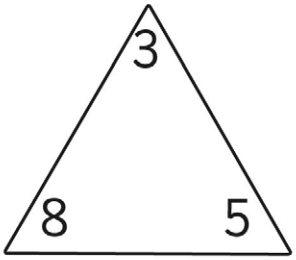
Number Family Worksheet 1 - Answers





2	+	4	=	2	+	3	=
4	+	2	=	3	+	2	=
6	-	2	=	5	-	2	=
6	-	4	=	5	-	3	=





4	+	3	=	3	+	5	=
3	+	4	=	5	+	3	=
7	-	4	=	8	-	3	=
7	-	3	=	8	-	5	=

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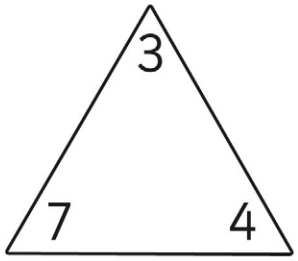
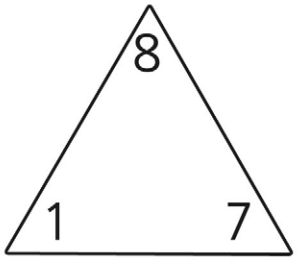
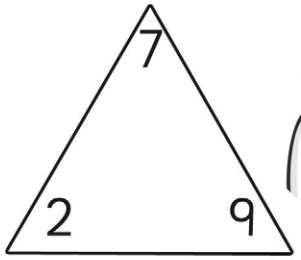
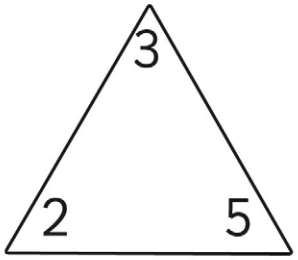
Number Family Worksheet 2 - Answers





3	+	4	=	7	1	+	7	=	8
4	+	3	=	7	7	+	1	=	8
7	-	3	=	4	8	-	1	=	7
7	-	4	=	3	8	-	7	=	1





7	+	2	=	9	3	+	2	=	5
2	+	7	=	9	2	+	3	=	5
9	-	2	=	7	5	-	3	=	2
9	-	7	=	2	5	-	2	=	3

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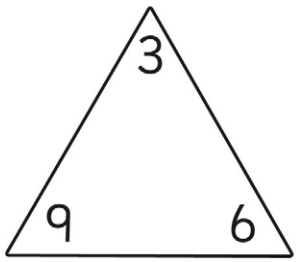
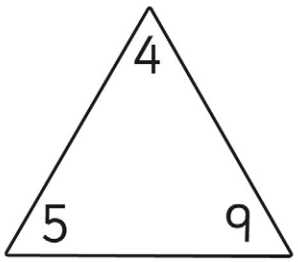
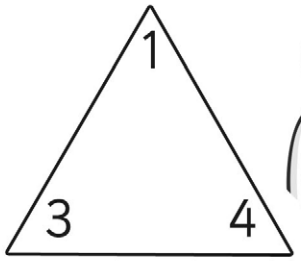
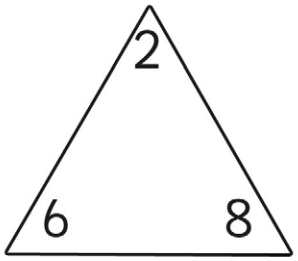
Number Family Worksheet 3 - Answers





3	+	6	=	9	5	+	4	=	9
6	+	3	=	9	4	+	5	=	9
9	-	3	=	6	9	-	5	=	4
9	-	6	=	3	9	-	4	=	5





1	+	3	=	4	2	+	6	=	8
3	+	1	=	4	6	+	2	=	8
4	-	1	=	3	8	-	2	=	6
4	-	3	=	1	8	-	6	=	2

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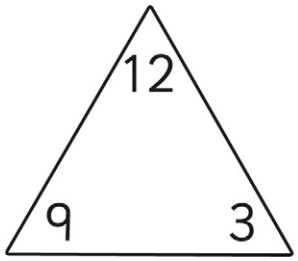
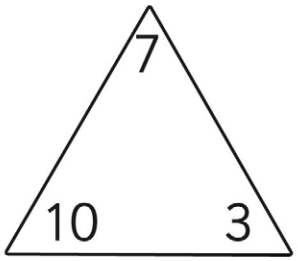
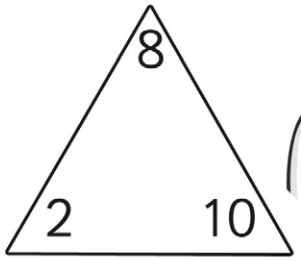
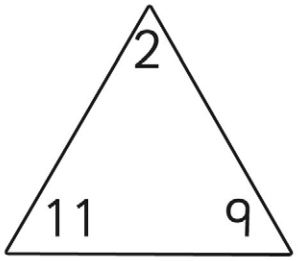
Number Family Worksheet 4 - Answers





9	+	3	=	12	7	+	3	=	10
3	+	9	=	12	3	+	7	=	10
12	-	9	=	3	10	-	7	=	3
12	-	3	=	9	10	-	3	=	7





8	+	2	=	10	9	+	2	=	11
2	+	8	=	10	2	+	9	=	11
10	-	8	=	2	11	-	2	=	9
10	-	2	=	8	11	-	9	=	2

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Using Inverse Operations to Check: **Answers**

question	answer
A.	
1	**36** - Wrong
2	**36** - Wrong
3	**25** - Correct
4	**16** - Wrong
5	**47** - Correct
6	**8** - Wrong
7	**6** - Correct
8	**19** - Correct
9	**9** - Wrong
10	**7** - Correct
B.	
1	**45** - Correct
2	**23** - Wrong
3	**35** - Wrong
4	**18** - Wrong
5	**31** - Correct
6	**33** - Wrong
7	**44** - Wrong
8	**51** - Correct
9	**61** - Wrong
10	**17** - Correct

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