

Big Maths Beat That!: Teacher Notes

CLIC Challenge 6			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Squiggleworth	1	I can partition a 2d number
Q2	Counting: Core Numbers	2	I can understand numbers to 20
Q3	Counting: Counting Multiples	3	I can count in 2s
Q4	Counting: Count Fourways	10s	
Q5	Counting: Count Fourways	2s	
Q6	INN: Fact Families	1	I know the Fact Families for 1d + 1d facts
Q7	Calc: +	11	I can add 2 or 3 to a number up to 20
Q8	Calc: +	12	I can add a 1d number to a number to 20
Q9	Calc: -	11	I can take 2 or 3 from a number up to 20
Q10	Calc: -	12	I can take a 1d number from a number to 20



Name: _____

Class: _____

Date: _____

1

46

— —

2 Place in order
13 11 17 14

3

14, , 18, 20

4

160, 170, , 190, 200

5 Circle the odd numbers
14 15 21 24

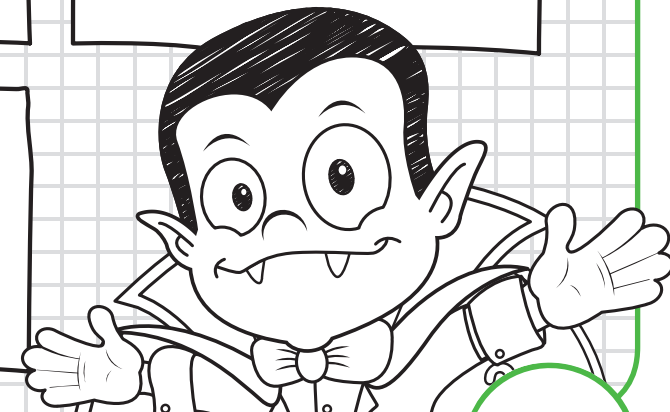
6 Write the fact family for:
 $8 + 6 = 14$
.....

7 $16 + 3 =$

8 $16 + 7 =$

9 $16 - 3 =$

10 $16 - 7 =$





Name: _____

Class: _____

Date: _____



1 37

2 Place in order
15 12 18 10

3 6, 8, , 12, 14

4 90, 100, , 120, 130

5 Circle the even numbers
|| 16 20 23

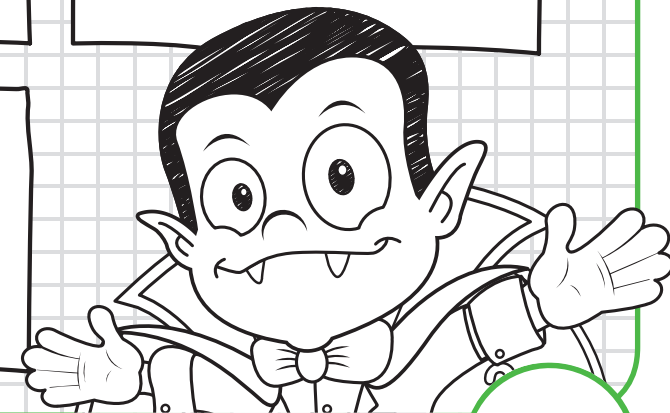
6 Write the fact family for:
 $7 + 5 = 12$
.....

7 $14 + 2 =$

8 **$14 + 8 =$**

9 **$14 - 2 =$**

10 $14 - 8 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

58

— —

2 Place in order
17 15 19 14

3

8, 10, 12, , 16

4

120, 130, 140, , 160

5 Circle the odd numbers
6 9 17 26

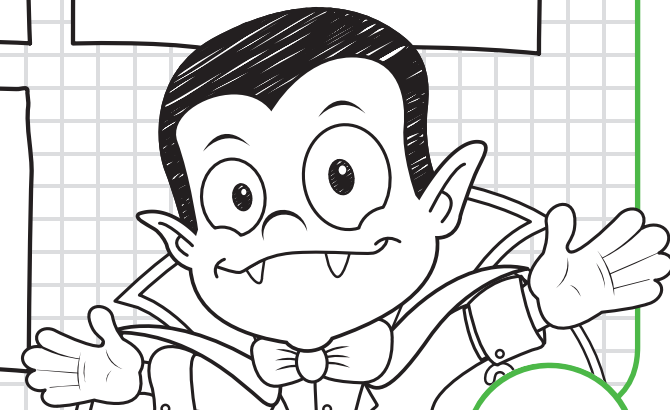
6 Write the fact family for:
 $9 + 6 = 15$
.....

7 $12 + 3 =$

8 **$17 + 5 =$**

9 **$12 - 3 =$**

10 $17 - 5 =$





Name: _____

Class: _____

Date: _____

1

24

— —

2 Place in order
11 8 15 13

3

6, 8, 10, , 14

4

0, 25, 50, , 100

5 Circle the even numbers
16 20 27 33

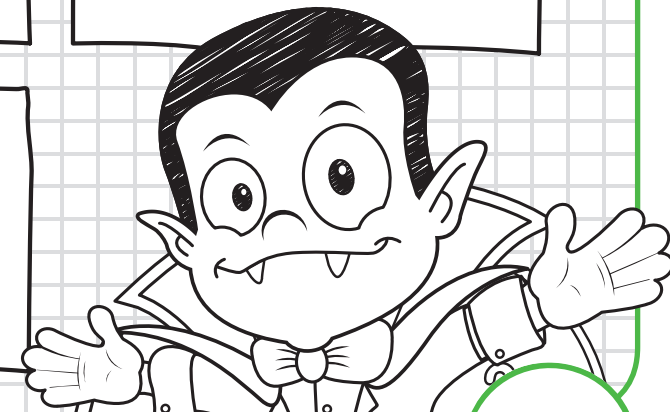
6 Write the fact family for:
 $5 + 8 = 13$
.....

7 $11 + 2 =$

8 $18 + 6 =$

9 $11 - 2 =$

10 $18 - 6 =$



Name:

Class:

Date:



1 62

2 Place in order
12 18 15 16

3
10, 12, 14, , 18

4

200, 210, , 230, 240

5 Circle the odd numbers

20 23 32 41

6 Write the fact family for:

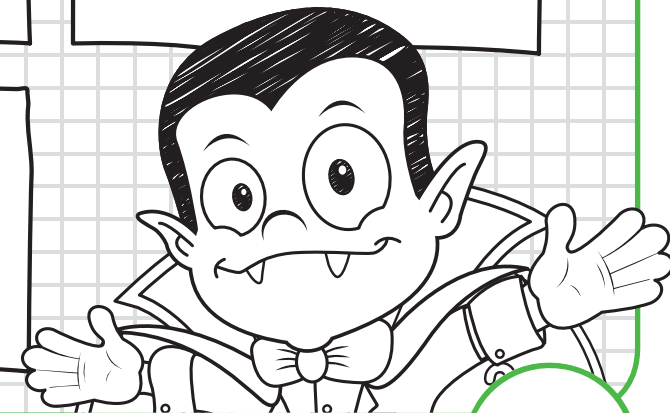
7 - 3 = 4

7 $15 + 3 =$

8 **15 + 8 =**

9 $15 - 3 =$

10 $15 - 8 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

75

— —

2 Place in order

14 8 15 9

3

10, , 14, 16

4

0, 25, , 75, 100

5 Circle the even numbers

26 35 42 47

6 Write the fact family for:

$8 - 2 = 6$

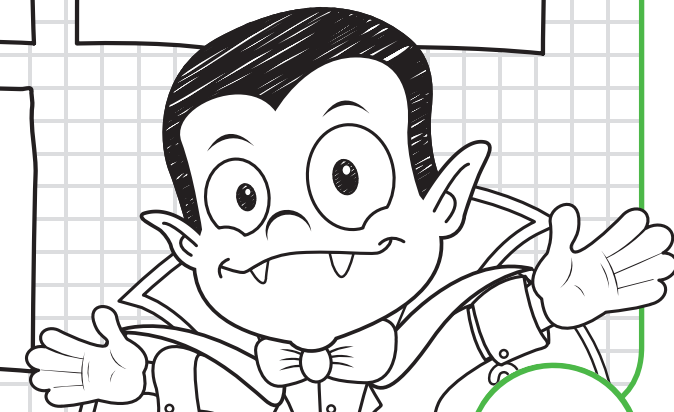
.....

7 $13 + 3 =$

8 $19 + 5 =$

9 $13 - 3 =$

10 $19 - 5 =$





Name: _____

Class: _____

Date: _____

1

93

— —

2 Place in order
15 12 16 11

3

12, 14, 16, , 20

4

130, , 150, 160, 170

5 Circle the odd numbers
18 24 37 49

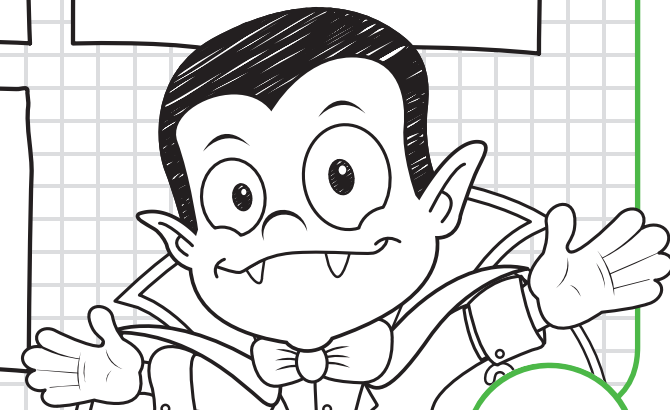
6 Write the fact family for:
8 + 9 = 17
.....

7 $16 + 2 =$

8 $18 + 8 =$

9 $16 - 2 =$

10 $18 - 8 =$





Name: _____

Class: _____

Date: _____

1

34

— —

2 Place in order
12 20 17 15

3

10, 12, , 16,

4 The next number is...
0, 25, 50, 75,

5 Circle the odd numbers
19 27 32 38

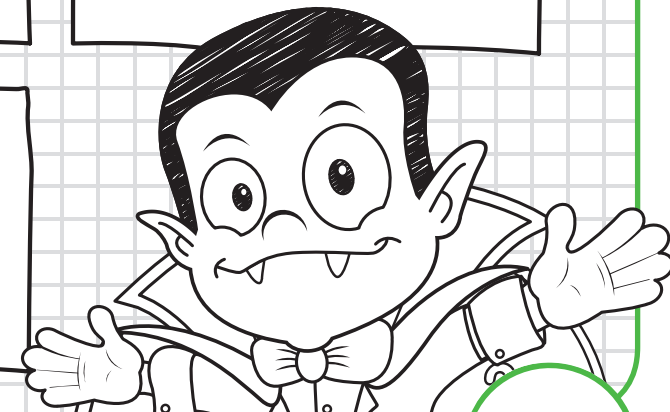
6 Write the fact family for:
 $7 + 4 = 11$
.....

7 $15 + 2 =$

8 $15 + 6 =$

9 $15 - 2 =$

10 $15 - 6 =$





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Class: _____

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1 67

Diagram showing the number 67 with lines branching out from the bottom, indicating a place value chart or a number line.

2 Place in order
16 9 13 19

3

8, , 12, 14,
 , 18

4 The next number is...
80, 90 , 100, 110,

5 Circle the even numbers
7 22 40 53

6 Write the fact family for:
 $15 - 7 = 8$

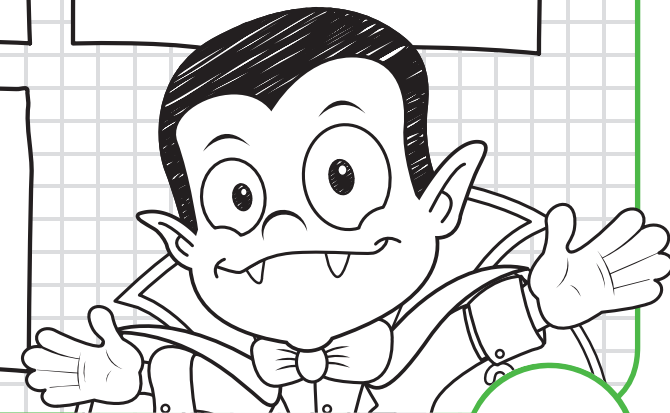
.....

7 **$9 + 3 =$**

8 **$17 + 8 =$**

9 **$9 - 3 =$**

10 **$17 - 8 =$**



MY LAST SCORE?!

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10



Name: _____

Class: _____

Date: _____

1 98

2 Place in order
14 12 19 13

3 $14, 16, \quad ,$

4 $180, \quad , 200, 210$

5 Circle the odd numbers
 $14 \quad 19 \quad 23 \quad 34$

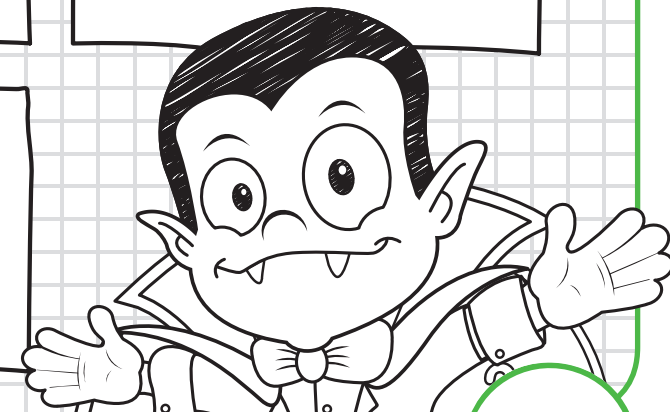
6 Write the fact family for:
 $5 + 9 = 14$
.....

7 $15 + 3 =$

8 **$19 + 7 =$**

9 **$15 - 3 =$**

10 $19 - 7 =$





Name: _____

Class: _____

Date: _____



1

46

40 6

2 Place in order

13 11 17 14

11 13 14 17

3

14, 16, 18, 20

4

160, 170, 180, 190, 200

5 Circle the odd numbers

14 15 21 24

6 Write the fact family for:

$8 + 6 = 14$ $6 + 8 = 14$

$14 - 8 = 6$ $14 - 6 = 8$

7 $16 + 3 =$

19

8 $16 + 7 =$

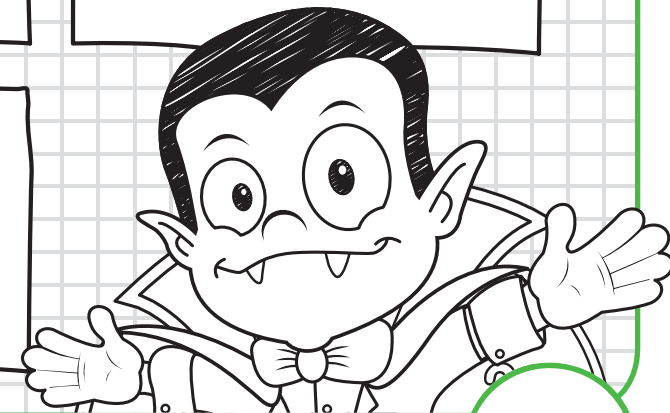
23

9 $16 - 3 =$

13

10 $16 - 7 =$

9



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



1

$$\begin{array}{c} 37 \\ \swarrow \quad \searrow \\ 30 \quad 7 \end{array}$$

2 Place in order
15 12 18 10
10 12 15 18

3

6, 8, 10, 12, 14

4

90, 100, 110, 120, 130

5 Circle the even numbers
|| 16 20 23

6 Write the fact family for:

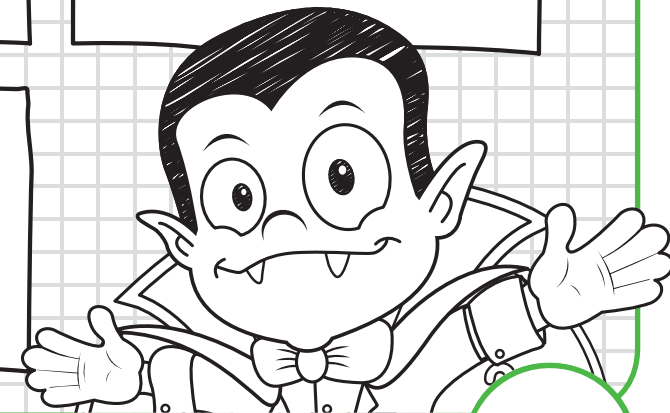
$$\begin{array}{ll} 7 + 5 = 12 & 5 + 7 = 12 \\ 12 - 7 = 5 & 12 - 5 = 7 \end{array}$$

7 $14 + 2 =$
16

8 $14 + 8 =$
22

9 $14 - 2 =$ 12

10 $14 - 8 =$
6



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

$$\begin{array}{c} 58 \\ \swarrow \quad \searrow \\ 50 \quad 8 \end{array}$$

2

Place in order
17 15 19 14

14 15 17 19

3

8, 10, 12, 14, 16

4

120, 130, 140, 150, 160

5

Circle the odd numbers

6 9 17 26

6

Write the fact family for:

$$\begin{array}{ll} 9 + 6 = 15 & 6 + 9 = 15 \\ 15 - 6 = 9 & 15 - 9 = 6 \end{array}$$

7

$$12 + 3 =$$

15

8

$$17 + 5 =$$

22

9

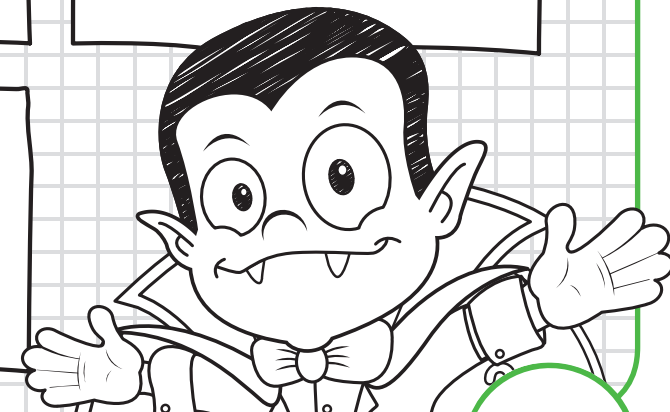
$$12 - 3 =$$

9

10

$$17 - 5 =$$

12





Name: _____

Class: _____

Date: _____

1

$$\begin{array}{c} 24 \\ \swarrow \quad \searrow \\ 20 \quad 4 \end{array}$$

2 Place in order

11 8 15 13

8 11 13 15

3

6, 8, 10, **12**, 14

4

0, 25, 50, **75**, 100

5 Circle the even numbers

16 **20** 27 33

6 Write the fact family for:

$$\begin{array}{ll} 5 + 8 = 13 & 8 + 5 = 13 \\ 13 - 8 = 5 & 13 - 5 = 8 \end{array}$$

7 $11 + 2 =$

13

8 $18 + 6 =$

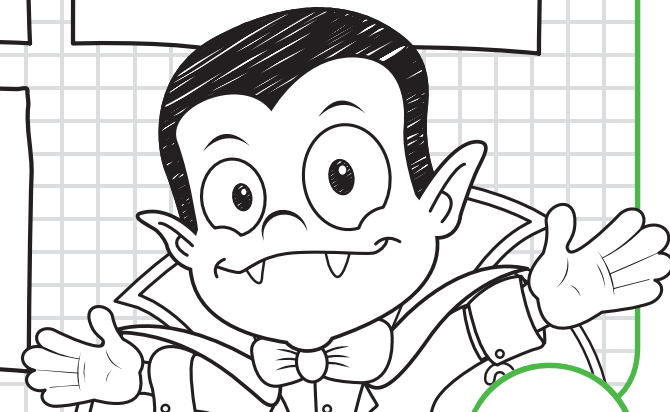
24

9 $11 - 2 =$

9

10 $18 - 6 =$

12





Name: _____

Class: _____

Date: _____



1

$$\begin{array}{c} 62 \\ \swarrow \quad \searrow \\ 60 \quad 2 \end{array}$$

2

Place in order
12 18 15 16

12 15 16 18

3

10, 12, 14, 16, 18

4

200, 210, 220, 230, 240

5

Circle the odd numbers

20 23 32 41

6

Write the fact family for:

$$\begin{array}{ll} 7 - 3 = 4 & 7 - 4 = 3 \\ 4 + 3 = 7 & 3 + 4 = 7 \end{array}$$

7

$$15 + 3 =$$

18

8

$$15 + 8 =$$

23

9

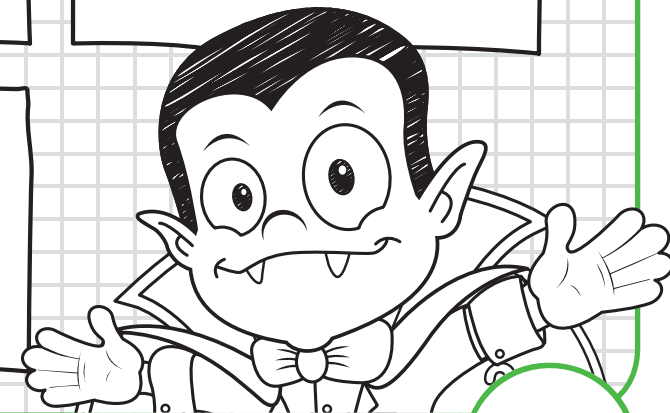
$$15 - 3 =$$

12

10

$$15 - 8 =$$

7



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

$$\begin{array}{c} 75 \\ \swarrow \quad \searrow \\ 70 \quad 5 \end{array}$$

2 Place in order

14 8 15 9

8 9 14 15

3

10, 12, 14, 16

4

0, 25, 50, 75, 100

5 Circle the even numbers

26 35 42 47

6 Write the fact family for:

$$\begin{array}{ll} 8 - 2 = 6 & 2 + 6 = 8 \\ 6 + 2 = 8 & 8 - 6 = 2 \end{array}$$

7 $13 + 3 =$

16

8 $19 + 5 =$

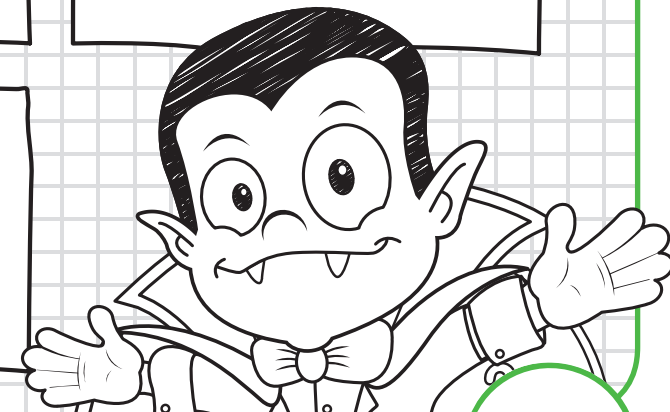
24

9 $13 - 3 =$

10

10 $19 - 5 =$

14





Name: _____

Class: _____

Date: _____



1

93

90 3

2 Place in order
15 12 16 11

11 12 15 16

3

12, 14, 16, 18, 20

4

130, 140, 150, 160, 170

5 Circle the odd numbers

18 24 37 49

6 Write the fact family for:

$8 + 9 = 17$ $9 + 8 = 17$

$17 - 9 = 8$ $17 - 8 = 9$

7 $16 + 2 =$

18

8 $18 + 8 =$

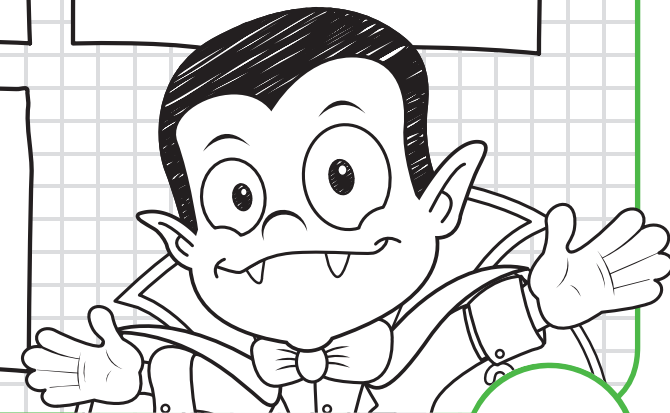
26

9 $16 - 2 =$

14

10 $18 - 8 =$

10



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



1

$$\begin{array}{c} 34 \\ \swarrow \quad \searrow \\ 30 \quad 4 \end{array}$$

2

Place in order
12 20 17 15

12 15 17 20

3

10, 12, 14, 16, 18

4

The next number is...

0, 25, 50, 75, 100

5

Circle the odd numbers

19 27 32 38

6

Write the fact family for:

$$\begin{array}{ll} 7 + 4 = 11 & 4 + 7 = 11 \\ 11 - 7 = 4 & 11 - 4 = 7 \end{array}$$

7

$$15 + 2 =$$

17

8

$$15 + 6 =$$

21

9

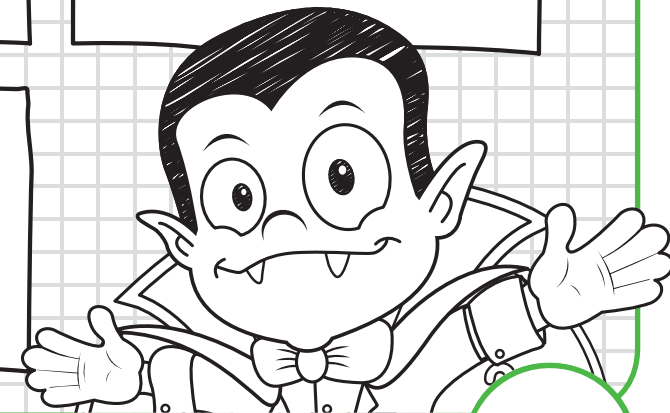
$$15 - 2 =$$

13

10

$$15 - 6 =$$

9



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



1

$$\begin{array}{c} 67 \\ \swarrow \quad \searrow \\ 60 \quad 7 \end{array}$$

2 Place in order
16 9 13 19
9 13 16 19

3

8, 10, 12, 14,
16, 18

4 The next number is...

80, 90, 100, 110, 120

5 Circle the even numbers

7 22 40 53

6 Write the fact family for:

$$\begin{array}{ll} 15 - 7 = 8 & 7 + 8 = 15 \\ 15 - 8 = 7 & 8 + 7 = 15 \end{array}$$

7 $9 + 3 =$

12

8 $17 + 8 =$

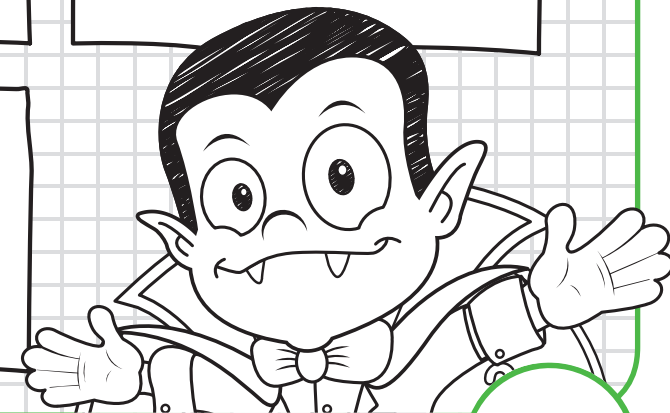
25

9 $9 - 3 =$

6

10 $17 - 8 =$

9



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



1

$$\begin{array}{c} 98 \\ \diagdown \quad \diagup \\ 90 \quad 8 \end{array}$$

2 Place in order

14 12 19 13

12 13 14 19

3

14, 16, 18, 20

4

180, 190, 200, 210

5 Circle the odd numbers

14 19 23 34

6 Write the fact family for:

$$\begin{array}{ll} 5 + 9 = 14 & 14 - 9 = 5 \\ 14 - 5 = 9 & 9 + 5 = 14 \end{array}$$

7 $15 + 3 =$

18

8 $19 + 7 =$

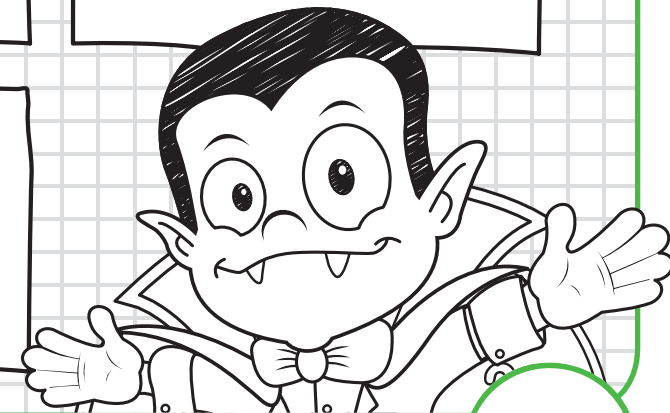
26

9 $15 - 3 =$

12

10 $19 - 7 =$

12



MY LAST SCORE?!

HAVE I BEAT THAT?!

10