

# Zombie Catchers

## Object of the game:

To catch 3 complete zombies

## Materials Needed:

- Zombie Catcher Data Sheet (Pizza Box)
- Zombie Catcher Game Cards
- White boards/Dry Erase Markers/Erasers

## To play:

Shuffle the Zombie Catcher cards and put them in a stack where everyone can reach them, with the problem side up.

On your turn you can either draw a card and solve a problem or, if you have a trade card, you can trade with another player for a zombie part. You can only do one or the other, not both in one turn.

First player draws a card and solves the problem. If you solve the problem correctly, keep the card and turn it over to see what part of a zombie you earned.

If you draw a trade card you can save it. You can use it later instead of drawing a card to trade one of your zombie parts with another player who has a part you need. The other player cannot refuse your trade. When you have used a trade card, return it to the bottom of the stack.

## To win:

First player to put together 3 complete zombies wins. They do not have to be 3 different zombies.

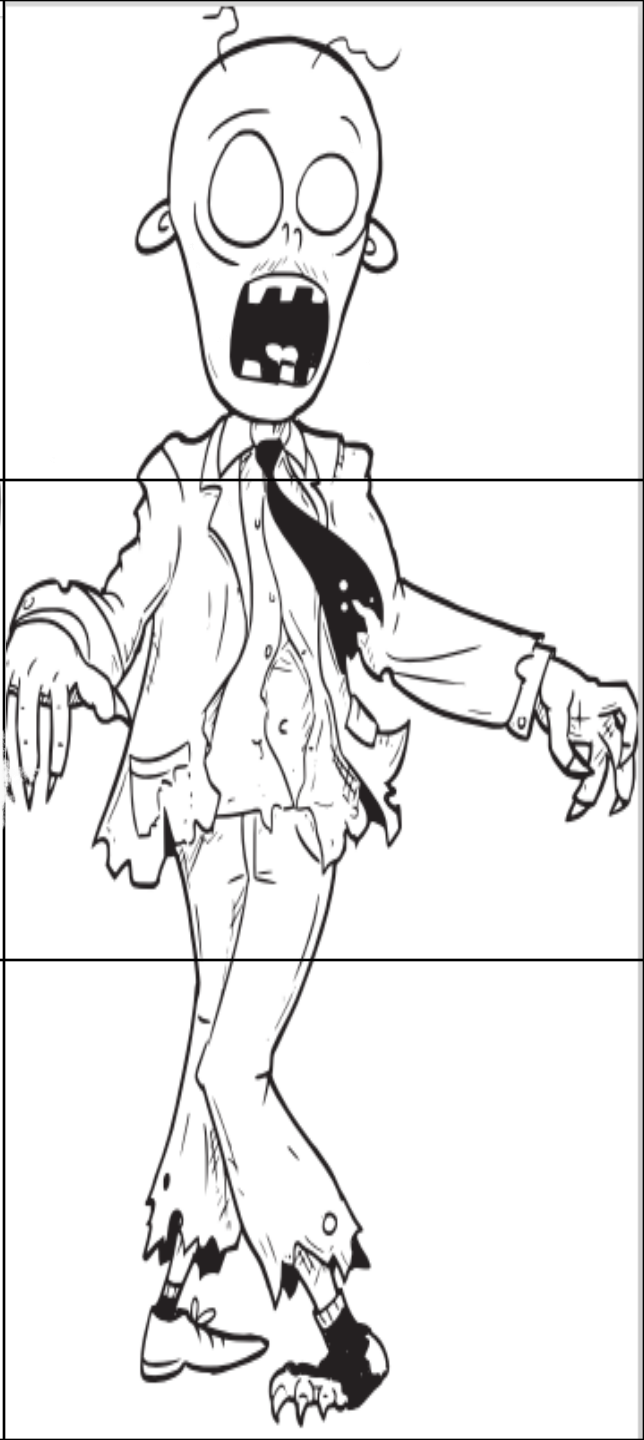
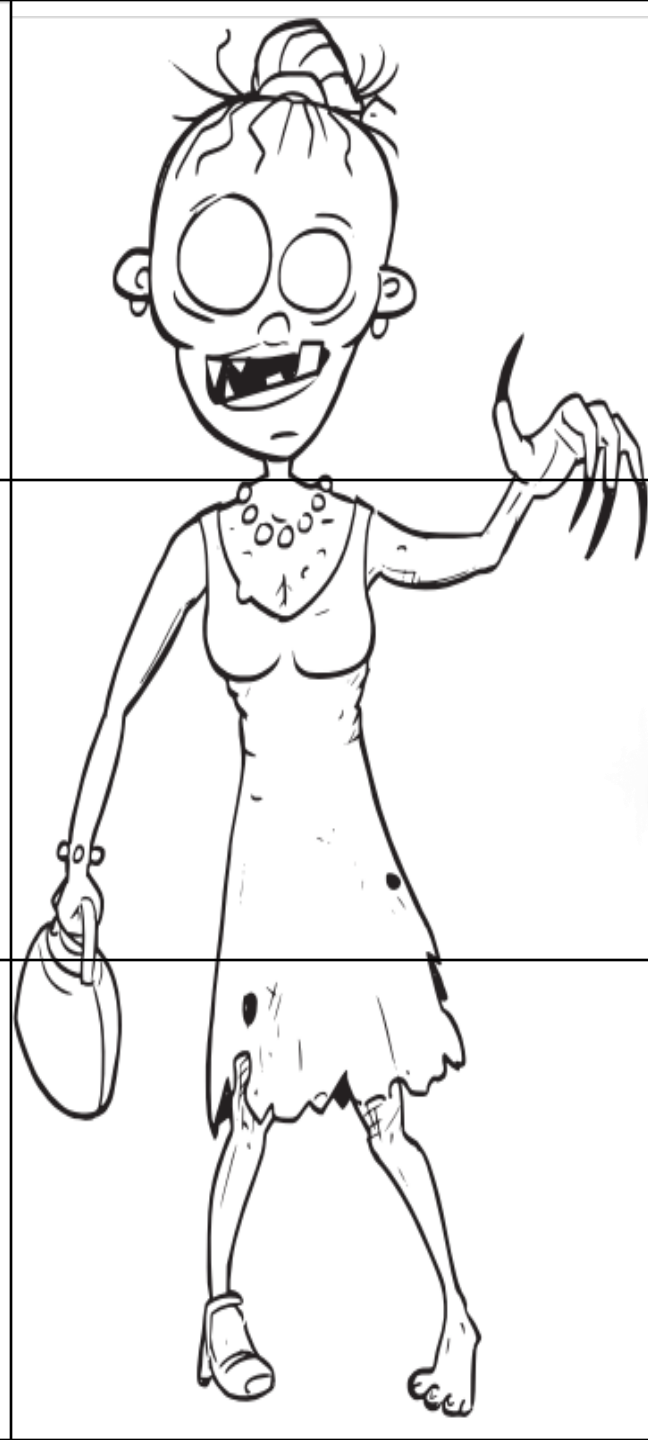
**Sudden Death:** If you run out of problem cards before anyone has completed 3 complete zombies, players take turns drawing from the trade cards at the bottom of the pile and trading until someone completes 3 zombies.

Printing: Black & White, Horizontal, 2-sided, flip on short side, laminate for durability

**Unit: 5<sup>th</sup> – Measurement & Data Analysis****Lesson: 5.9.A, 5.9.B, 5.9.C – Data Analysis****Zombie Catchers**

1. 19	2. 11	3. 61	4. 244
5. $\frac{20}{36}$ or $\frac{5}{9}$ if reduced	6. $\frac{16}{36}$ or $\frac{4}{9}$ if reduced	7. $20 - 16 = 4$	8. $(8 \times 8) + (6 \times 9) = 118$
9. $9 + 10 + 11 + 12.5 = 42.5$ pounds	10. $5 + 4 + 3 + 3 + 2.5 = 17.5$ pounds	11. $12.5 - 2.5 = 10$	12. $9.5 - 5 = 4.5$
13. $(10.5 + 9 + 7) - (9 + 7.5 + 6) = 4$	14. $13 + 10 = 23$	15. $17 - 5 = 12$	16. $13 + 5 + 10 = 28$
17. $(17 + 13) - (10 + 5) = 15$	18. $13 + 17 = 30$	19. $15 + 12 + 4 = 31$	20. $16 + 12 = 28$
21. $(15 + 12) - (5 + 8) = 14$ more catchers zombified	22. $(8 + 13) - (12 + 7) = 2$ more catchers zombified	23. Test #3 was most successful: $16 - 4 = 12$ more zombies neutralized.	24. Test #1 was least successful: $15 - 5 = 10$ more catchers zombified
25. $45 + 40 + 60 = 145$	26. $175 - (55 + 70) = 50$	27. $60 - 40 = 20$	28. Mangled Michael, Freaky Frieda and Grisly Gertie: $60 + 55 + 70 = 185$
29. Cruddy Christine and Janky Johnny: $45 + 40 = 85$	30. $25 + 28 + 30 + 32 = 115$	31. $10 + 11 + 12 = 33$	32. $32 - 10 = 22$
33. $28 + 30 + 32 = 90$	34. 163	35. The Abandoned High School and the Abandoned Science Lab.	36. 44

<p>1. The Stem and Leaf chart shows the number of zombies that were neutralized in the last 30 days. For how many day were 50 or more zombies neutralized?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>2. The Stem and Leaf chart shows the number of zombies that were neutralized in the last 30 days. For how many day were fewer than 50 zombies neutralized?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>3. The Stem and Leaf chart shows the number of zombies that were neutralized in the last 30 days. How many fewer zombies did the zombie catchers neutralize on their worst day than their best day?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>4. The Stem and Leaf chart shows the number of zombies that were neutralized in the last 30 days. How many total zombies did the zombie catchers neutralize on their three best days?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>5. The dot plot shows the number of zombies neutralized last week by each member of the zombie catching team. What fraction of the zombie catchers neutralized at least 6 zombies?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>6. The dot plot shows the number of zombies neutralized last week by each member of the zombie catching team. What fraction of the zombie catchers neutralized 5 or fewer zombies?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>7. The dot plot shows the number of zombies neutralized last week by each member of the zombie catching team. What's the difference between the number of zombie catchers who neutralized at least 6 zombies and the number of zombie catchers who neutralized fewer than 6 zombies?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>8. The dot plot shows the number of zombies neutralized last week by each member of the zombie catching team. How many zombies were neutralized last week by the zombie catchers who were able to neutralize 8 or more?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>9. One of the scatterplots shows the pounds of brains eaten per week by the zombies. How many total pounds of brain per week are eaten by people who have been zombies for at least 10 weeks?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>



10. One of the scatterplots shows the pounds of brains eaten per week by the zombies. How many total pounds of brain per week are eaten by people who have been zombies for 2 weeks or less?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

11. One of the scatterplots shows the pounds of brains eaten per week by the zombies. What's the difference in pounds of brain eaten per week between the zombie who ate the most and the zombie who ate the least?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

12. One of the scatterplots shows the pounds of brains eaten per week by the zombies. There's a big difference in the amounts eaten by the people who have been zombies for 7 weeks. What's the difference eaten between the 7-week zombie who ate the most and the 7-week zombie who ate the least?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

13. One of the scatterplots shows the pounds of brains eaten per week by the zombies. What's the difference in pounds of brain eaten between people who have been zombies for 5 weeks and those who have been zombies for 6 weeks?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

14. One of the graphs shows which methods for catching zombies the zombie catchers prefer. How many zombie catchers prefer either the cage or the big net?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

15. One of the graphs shows which methods for catching zombies the zombie catchers prefer. What's the difference between the number who prefer the favorite method and the number who prefer the least favorite method?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

16. One of the graphs shows which methods for catching zombies the zombie catchers prefer. How many zombie catchers do not prefer the pit?

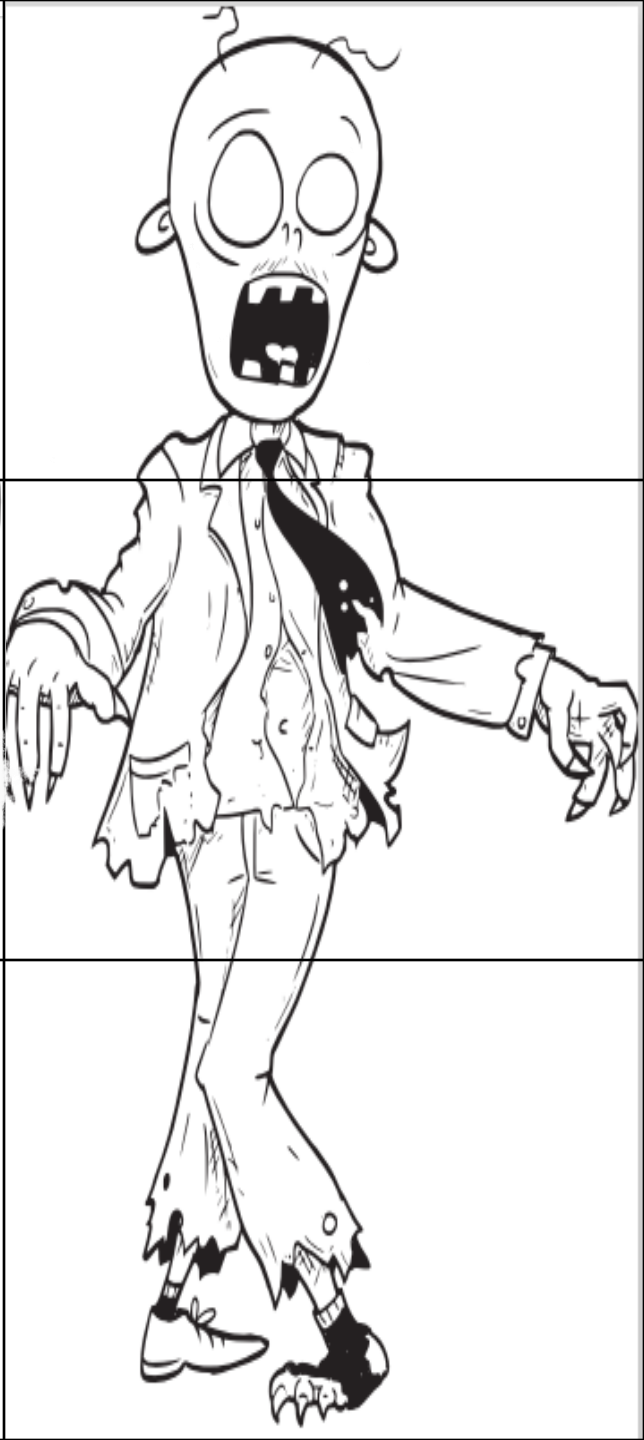
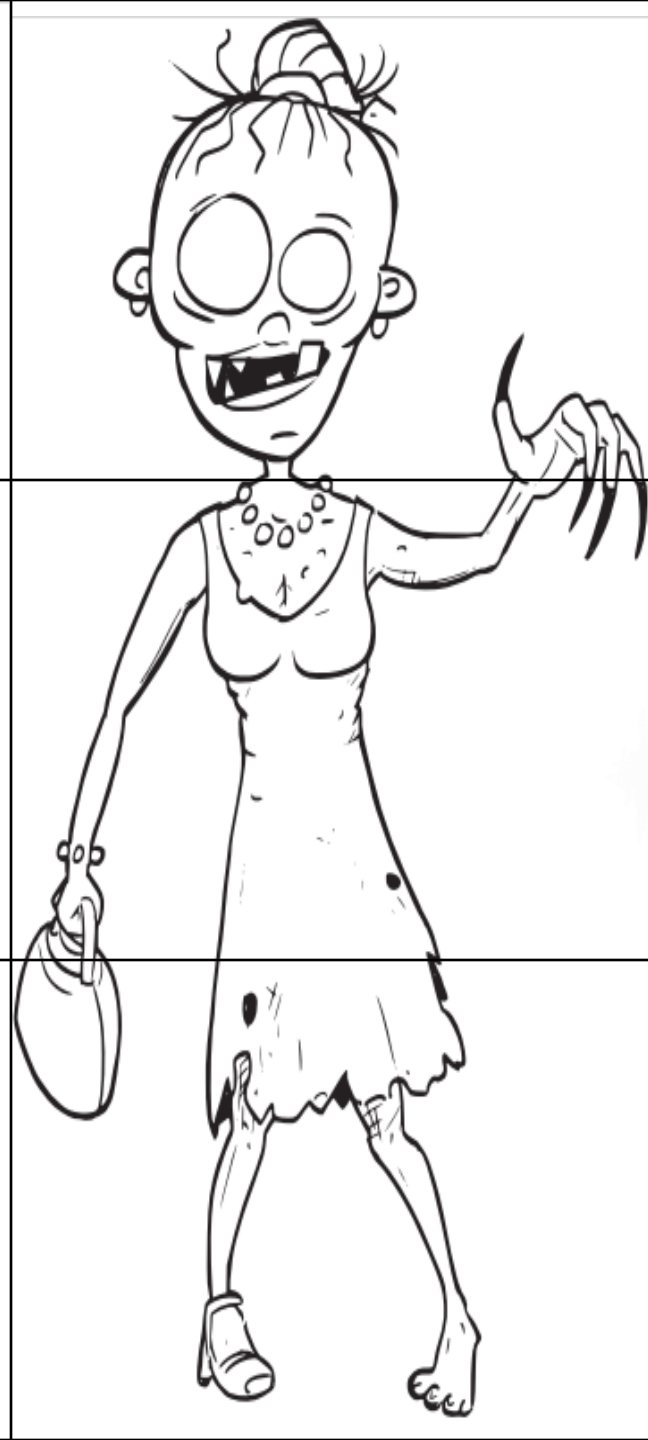
5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

17. One of the graphs shows which methods for catching zombies the zombie catchers prefer. What's the difference between the number who prefer the two most preferred methods, and the number who prefer the two least preferred methods?

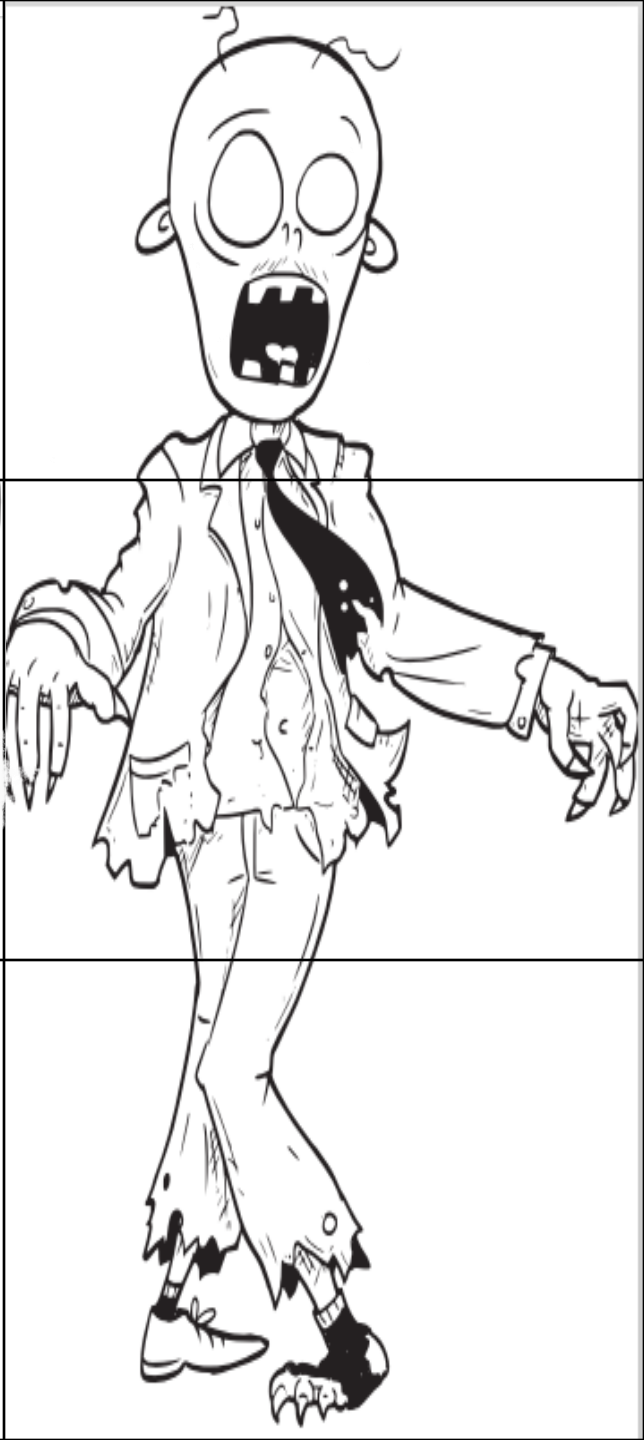
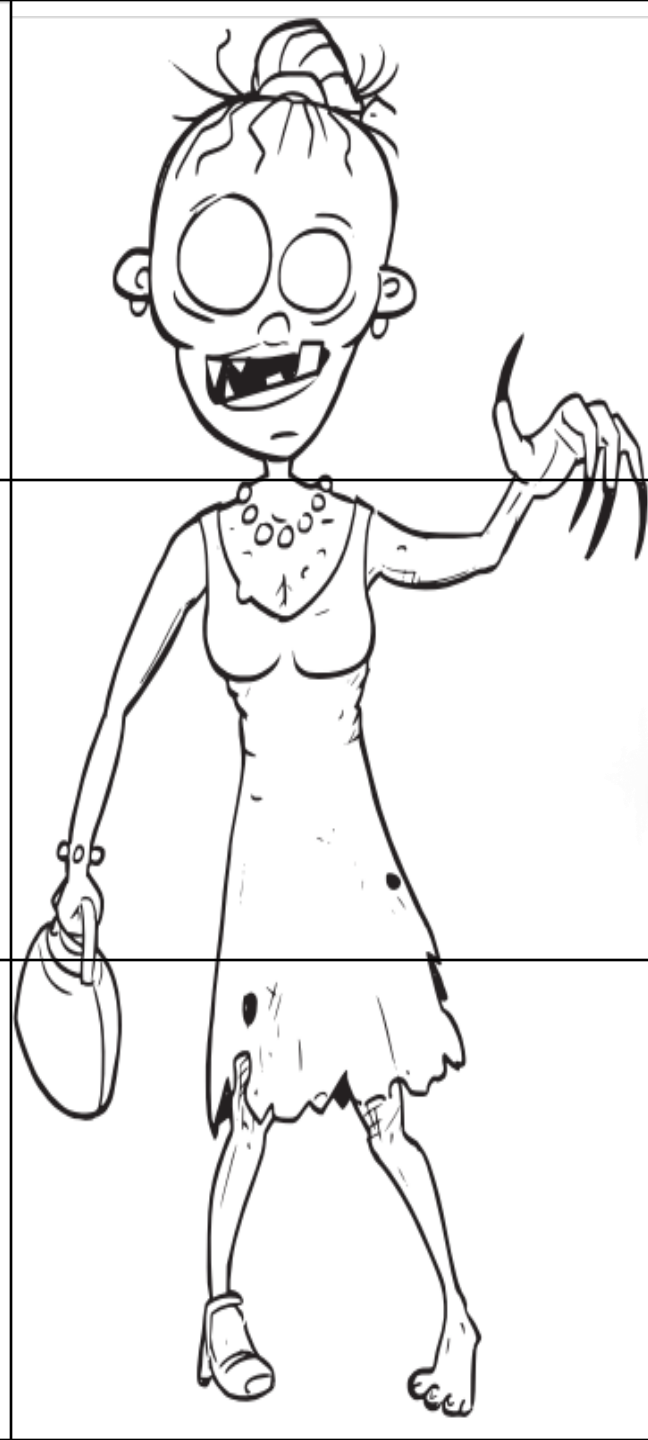
5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers

18. One of the graphs shows which methods for catching zombies the zombie catchers prefer. How many prefer either the pit or the cage?

5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers



<p>19. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. How many total zombie catchers were zombified in tests 1,2 and 3?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>20. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. How many zombies were neutralized in the two tests where the most zombies were neutralized?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>21. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. What was the difference between the number of zombie catchers zombified and the number of zombies neutralized in tests 1 and 2?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>22. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. What was the difference between the number of zombie catchers zombified and the number of zombies neutralized in tests 4 and 5?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>23. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. How many more zombies were neutralized than catchers zombified in the most successful test?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>24. One of the bar graphs shows the results of several rounds of testing the zombie neutralizing spray. How many more catchers were zombified than zombies neutralized in the least successful test?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>25. One of the bar graphs shows how many people were zombified last week by the 6 most dangerous zombies. How many people were zombified by Cruddy Christine, Janky Johnny and Mangled Michael combined?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>26. One of the bar graphs shows how many people were zombified last week by the 6 most dangerous zombies. If the total number of people zombified last week by Freaky Frieda, Grisley Gertie and Icky Isabel is 175, how many people did Icky Isabel zombify?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>27. One of the bar graphs shows how many people were zombified last week by the 6 most dangerous zombies. What's the difference between the number of people zombified by the most dangerous male zombie and the second most dangerous male zombie?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>





<p>28. One of the bar graphs shows how many people were zombified last week by the 6 most dangerous zombies. According to the information given, who are the three most dangerous zombies and how many people did they combine to zombify last week?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>29. One of the bar graphs shows how many people were zombified last week by the 6 most dangerous zombies. According to the information given, who are the weakest 2 of these zombies and how many people could you have saved from zombification if you had neutralized them?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>30. One of the scatterplots shows the average number of zombies neutralized per week for some of the zombie catchers and their number of days of zombie catching experience. What is the average number of zombies neutralized per week by zombie catchers with at least 35 days of experience?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>31. One of the scatterplots shows the average number of zombies neutralized per week for some of the zombie catchers and their number of days of zombie catching experience. What is the average number of zombies neutralized per week by zombie catchers with less than 25 days of experience?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>32. One of the scatterplots shows the average number of zombies neutralized per week for some of the zombie catchers and their number of days of zombie catching experience. What is difference in average number of zombies neutralized between the catcher who neutralizes the most and the one who neutralizes the least?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>33. One of the scatterplots shows the average number of zombies neutralized per week for some of the zombie catchers and their number of days of zombie catching experience. What is the average number of zombies neutralized per week by your 3 most experienced zombie catchers?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>
<p>34. The frequency table shows the number of zombies the zombie catchers counted at the various zombie hang outs yesterday. How many zombies did they count at the three most popular hang outs?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>35. The frequency table shows the number of zombies the zombie catchers counted at the various zombie hang outs yesterday. If the zombie catchers wanted to raid the two hang outs with the fewest zombies, which two should they raid?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>	<p>36. The frequency table shows the number of zombies the zombie catchers counted at the various zombie hang outs yesterday. How many more zombies did they find at the Abandoned Police Station than at the Abandoned High School?</p> <p>5.9.A, 5.9.B, 5.9.C – Data Analysis – Zombie Catchers</p>

**Trade  
Heads**

**Trade  
Heads**

**Trade  
Heads**

**Trade  
Middles**

**Trade  
Middles**

**Trade  
Middles**

**Trade  
Feet**

**Trade  
Feet**

**Trade  
Feet**