



Halloween Math Riddles

25 riddles from easy to tricky. Write your answer on the line. Answers are on the last page.

Easy riddles ★

- 1 There are 6 pumpkins on the porch. Dad carves 2 more and sets them out too. How many pumpkins are on the porch now?
ANSWER _____
- 2 A bat has 2 wings. How many wings do 7 bats have?
ANSWER _____
- 3 Mia collects 20 pieces of candy and eats 3 on the walk home. How many pieces are left in her bag?
ANSWER _____
- 4 A witch's broom can carry 3 cats at a time. How many brooms does she need to carry 12 cats in one trip?
ANSWER _____
- 5 Each jack-o'-lantern gets 2 triangle eyes and 1 triangle nose. How many triangles do you need to carve 5 jack-o'-lanterns?
ANSWER _____
- 6 Trick-or-treating starts at 6:00 and ends at 7:30. How many minutes is that?
ANSWER _____
- 7 A wizard's cape needs 9 stars sewn on it. Grandma has sewn on 4 so far. How many stars are left to sew?
ANSWER _____
- 8 Five friends share 30 candies equally. How many candies does each friend get?
ANSWER _____

Medium riddles ★★

- 9 Leo has 3 times as many candies as Ava. Together, they have 48 candies. How many candies does Leo have?
ANSWER _____
- 10 Pumpkins cost \$4 each at the farm stand. You have \$30. What is the greatest number of pumpkins you can buy, and how much change do you get?
ANSWER _____
- 11 A witch flies her broom 15 kilometers every hour. How far does she fly in 3 hours?
ANSWER _____
- 12 Bats fly out of a cave in groups. The first group has 2 bats, the second has 4, the third has 8 and the fourth has 16. If the pattern keeps going, how many bats are in the sixth group?
ANSWER _____

- 13 At the school Halloween parade, half of the 80 kids wore masks. A quarter of the kids in masks were dressed as witches. How many kids were masked witches?
ANSWER _____
- 14 In a spooky barn, there are some bats and some black cats. Together they have 20 heads and 58 legs. Bats have 2 legs and cats have 4. How many cats are there?
ANSWER _____
- 15 A costume costs \$23, and a matching mask costs \$9. You pay with a \$50 bill. How much change do you get?
ANSWER _____
- 16 The haunted hayride leaves every 20 minutes, and the first ride leaves at 5:00. What time does the fifth ride leave?
ANSWER _____

Tricky riddles ★★ ★

- 17 Gus the ghost says, "I'm thinking of a number. If you multiply it by 3 and then subtract 7, you get 26." What is Gus's number?
ANSWER _____
- 18 A bowl holds 40 pieces of candy corn and chocolate. For every 3 candy corns, there are 2 chocolates. How many candy corns are in the bowl?
ANSWER _____
- 19 Four witches each have 2 black cats, and every cat has 3 kittens. How many cats and kittens are there altogether?
ANSWER _____
- 20 Four friends count their candy after trick-or-treating: 15, 22, 18 and 25 pieces. They want to share it all out evenly. How many pieces does each friend end up with?
ANSWER _____
- 21 A rectangular pumpkin patch is 9 meters long and 7 meters wide. If each pumpkin needs 1 square meter of space, how many pumpkins can grow in the patch?
ANSWER _____
- 22 In the haunted house, one ghost pops out every 4 minutes and another pops out every 6 minutes. They just popped out together. How many minutes until they pop out together again?
ANSWER _____
- 23 The haunted house has a two-digit number on its door. The tens digit is 3 more than the ones digit, and the two digits add up to 13. What is the house number?
ANSWER _____
- 24 A costume shop has 200 masks. On Monday, it sells 25% of them. How many masks are left?
ANSWER _____
- 25 A witch has 13 black cats. All but 3 of them run off to chase a mouse. How many cats are still with the witch?
ANSWER _____

Answers

Halloween Math Riddles · answer key · print or fold this page away before you hand out the sheet

1. 8. $6 + 2 = 8$.
2. 14. $7 \times 2 = 14$.
3. 17. $20 - 3 = 17$.
4. 4 brooms. $12 \div 3 = 4$.
5. 15. Each pumpkin needs 3 triangles, and $5 \times 3 = 15$.
6. 90 minutes. One hour is 60 minutes, plus 30 more is 90.
7. 5. $9 - 4 = 5$.
8. 6. $30 \div 5 = 6$.
9. 36. Together they have 4 shares, so one share is $48 \div 4 = 12$. Ava has 12, and Leo has $3 \times 12 = 36$.
10. 7 pumpkins and \$2 change. $7 \times \$4 = \$28$, and $\$30 - \$28 = \$2$. An 8th pumpkin would cost \$32.
11. 45 kilometers. $15 \times 3 = 45$.
12. 64. Each group doubles: 2, 4, 8, 16, 32, 64.
13. 10. Half of 80 is 40, and a quarter of 40 is 10.
14. 9 cats. If all 20 animals were bats, there'd be 40 legs. The extra 18 legs come from cats, and each cat adds 2 extra legs, so $18 \div 2 = 9$ cats (and 11 bats). Check: $9 \times 4 + 11 \times 2 = 58$.
15. \$18. $\$23 + \$9 = \$32$, and $\$50 - \$32 = \$18$.
16. 6:20. The rides leave at 5:00, 5:20, 5:40, 6:00 and 6:20.
17. 11. $26 + 7 = 33$, and $33 \div 3 = 11$.
18. 24. There are $40 \div 5 = 8$ groups, and $8 \times 3 = 24$ candy corns (and 16 chocolates).
19. 32. There are $4 \times 2 = 8$ cats and $8 \times 3 = 24$ kittens, and $8 + 24 = 32$.
20. 20. $15 + 22 + 18 + 25 = 80$, and $80 \div 4 = 20$.
21. 63. The area is $9 \times 7 = 63$ square meters.
22. 12 minutes. The first ghost appears at 4, 8, 12... and the second at 6, 12... so 12 is the first time they match.
23. 85. $8 + 5 = 13$, and 8 is 3 more than 5.
24. 150. A quarter of 200 is 50, and $200 - 50 = 150$.
25. 3. "All but 3" means every cat except 3 ran away, so 3 are left.

Need a hint? Every riddle has one at riddlepedia.com/halloween-math-riddles/, where you can also play them as a game.