



Percent Word Problems for 6th Grade

Questions

1. 20% of 100 is?
2. Zane ate three quarters of his breakfast whereas Jebb ate 60% of his. Who ate more of their breakfast?
3. What is $\frac{13}{20}$ as a percent?
4. 20% off 50 is? (Note "off" and not "of")
5. Out of two dozen eggs, three are 6 that are broken. What percentage of the total eggs are broken?
6. Sandy got 80% for her math test. On the same test Riaz got 15 out of the 20 questions correct. Who got the higher percentage?
7. 10% of 20 is?
8. On a farm there are 15 chickens, 10 cows and 25 ducks. What percentage of the farm animals are ducks?
9. 75% of what number is 15?
10. What is 20 percent off of 40 dollars?





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Answers

- 20**
20% can also be written as 20/100.
 $20/100 \times 100 = 20$
- Zane**
 $3/4 \times 100 = 75\%$
75 is greater than 60 meaning Zane ate more than Jebb.
- 65%**
 $13/20 \times 100 = 65$
- 40**
20% of 50 can be written as $20\% \times 50$ or $20/100 \times 50$ which equals 10
Off means to take off or deduct so we need to go $50 - 10$ which equals 40
- 25%**
Two dozen is the same as 2×12 which equals 24
 $6/24 \times 100 = 25$
- Sandy**
15 out of 20 can be written as 15/20.
 $15/20 \times 100 = 75$
We know Sandy got 80 which is higher than 75
- 2**
Converting 10% into fractions gives us 10/100
 $10/100 \times 20 = 2$
- 50%**
Add up all the animals: $10 + 15 + 25 = 50$
Then we know 25 are ducks therefore 25/50 are ducks
 $25/50 \times 100 = 50\%$
- 20**
This one is a little trickier. The easiest is to convert the percentage to a fraction and then cross multiply:
 $15 \times 100/75 = 20$
- \$32**
20% of 40 can be written as $20\% \times 40$ or $20/100 \times 40$ which equals 8
Off means to take off or deduct the 8
 $40 - 8 = 32$

