

Name _____



Instagram Percentage Word Problems

1. Follower Growth: Mary had 500 followers on Instagram last month. This month, she gained 20% more followers. How many followers does she have now?
2. Like Count: John posted a photo on Instagram, and it received 250 likes. If the photo was liked by 80% of John's followers, how many followers does John have?
3. Engagement Rate: Sarah has 1,000 followers on Instagram. Last week, her post received 75 likes and 25 comments. What is her engagement rate for that post?
4. Hashtag Usage: Jane posted a photo with three hashtags on Instagram. The photo received 1,000 likes, and 30% of the likes came from people who found the post through hashtags. How many likes came from people who found the post through hashtags?
5. Follower Ratio: Tom has 2,500 followers on Instagram. If he follows 20% of his followers back, how many accounts does Tom follow?
6. Sponsored Post: Olivia is an Instagram influencer and earns money through sponsored posts. If she charges \$100 for a sponsored post and Instagram takes a 10% fee, how much money does Olivia receive?
7. Engagement Comparison: Alex has 10,000 followers on Instagram, and his recent post received 500 likes. Lisa has 5,000 followers, and her recent post received 600 likes. Whose post had a higher engagement rate?
8. Hashtag Usage II: Emma posted a photo with five hashtags on Instagram. The photo received 1,200 likes, and 40% of the likes came from people who found the post through hashtags. How many likes came from people who found the post through hashtags?
9. Follower Growth Rate: Jessica had 1,000 followers on Instagram at the beginning of the year. By the end of the year, she had gained 15% more followers. How many followers does she have at the end of the year?
10. Sponsored Post II: Michael charges \$200 for a sponsored post on Instagram. If Instagram takes a 15% fee, how much money does Michael receive?