



Grade 8

Mathematics

Operations with Decimals

Question 1: Mixed operations with decimals

1. $23,45 + 8,66$
2. $35,76 - 27,83$
3. $41,5 \times 2,3$
4. $4,17 \times 6,7$
5. $83,57 + 155,7$
6. $61,8 - 53,75$
7. $56,5 \times 0,7$
8. $3,66 \times 7$
9. $263 + 64,267$
10. $5,336 - 0,099$

Question 2: Words problems - mixed decimal operations

1. Ashley runs on Saturday and Sunday. She runs 28,55km on Saturday and does a shorter 9,47km recovery run on Sunday. How far did she run in total?
2. Rabia is a learning support teacher. She does 45minute lessons (which is 0,75 of an hour). If she does 9,5 lessons in a week (one is a half length lesson), how many hours does she spend teaching?
3. In Ms Hyland's class, there is an interesting behaviour management system. At the start of a term each child starts with 100 points but loses or gains points based on behaviour. If they reach zero, it's detention. If they get to 200, it's a civvies day. Natalia is on 123,5 points but forgot to do her homework and has lost 18,75 points. What is her new total?
4. Apiwe is a substitute teacher. He is paid R95,45per hour. If he works a total of 23 hours in a week, how much does he earn? (The figures in this are completely fictitious – matched to the level that a grade 8 is expected to deal with in Maths!)
5. Christie-Lee plays violin. She practices on Mondays for 0,75 hours; on Tuesdays for 1, 33 hours; and on Thursdays for 1,5 hours. How many hours does she practice for weekly?