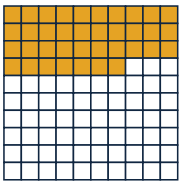
Decimal fractions

Name: _____ **Date:** _____

Remember: The comma separates the whole number from the parts. Add tenths to tenths and hundredths to hundredths: **that is why we line up the commas**.

1. What decimal fraction is shaded?



Answer: _____

2. What is the value of the 4 in 3,46?

Answer: _____

3. Write as a decimal fraction: a. 7/10 b. 23/100

Answer: _____

4. 0,6 + 0,25 =

Answer: _____

5. 4,5 − 1,75 =

Answer: _____

6. 3,08 × 10 =

Answer: _____

7. 0,47 × 100 =

Answer: _____

8. Order from smallest to biggest: 0,5 · 0,45 · 0,54 · 0,05

Answer: _____

9. Round 6,72 off to the nearest whole number.

Answer: _____

10. Write <, > or =: 2,3 ☐ 2,30

Answer: _____

11. Thabo buys a pen for R12,50 and a ruler for R7,85. How much does he pay?

Answer: _____

12. 5 − 2,36 =

Answer: _____

13. Lerato jogs 2,75 km on Monday and 3,4 km on Tuesday. How much further does she jog on Tuesday?

Answer: _____

14. Zanele buys bread (R4,95), milk (R12,50) and apples (R7,25). She pays with an R50 note. How much change does she get?

Answer: _____

15. One sheet of paper is 0,3 mm thick. How thick is a pile of 100 sheets?

Answer: _____

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I got _____ **out of 15** ⭐⭐⭐

Memorandum · Decimal fractions

1. **0,37**
   37 out of 100 squares = 37/100

2. **4 tenths (0,4)**
   3 units, 4 tenths, 6 hundredths

3. **a. 0,7 b. 0,23**
   tenths: one place after the comma; hundredths: two places

4. **0,85**
   0,60 + 0,25 = 0,85

5. **2,75**
   4,50 − 1,75 = 2,75

6. **30,8**
   every digit moves one place to the left

7. **47**
   every digit moves two places to the left

8. **0,05; 0,45; 0,5; 0,54**
   write all with two places: 0,50; 0,45; 0,54; 0,05

9. **7**
   the tenths digit is 7, so round up

10. **=**
    2,3 = 2,30: a 0 at the end does not change the value

11. **R20,35**
    12,50 + 7,85 = 20,35

12. **2,64**
    5,00 − 2,36 = 2,64

13. **0,65 km**
    3,40 − 2,75 = 0,65

14. **R25,30**
    4,95 + 12,50 + 7,25 = 24,70; 50,00 − 24,70 = 25,30

15. **30 mm**
    0,3 × 100 = 30

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