

# Adding and Subtracting Decimals: math test, Grade 5 – download the PDF

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

## 1 Estimate, then calculate

/ 4 pts

Round each number to the nearest whole number to estimate, then calculate the exact answer.

a.  $18.7 + 6.35$

b.  $14.2 - 5.86$

## 2 Vertical calculations

/ 4 pts

Calculate in columns, with the decimal points lined up.

a.  $29.64 + 7.9$

b.  $3.47 + 12.8 + 0.05$

c.  $50 - 23.46$

d.  $8.2 - 3.77$

### 3 Find the error

/ 3 pts

Tara wrote  $5.4 + 2.38 = 2.92$ . (a) Explain her mistake. (b) Find the correct sum. (c) Show how an estimate reveals the error.

### 4 Missing numbers

/ 3 pts

(a) Find the missing number in  $9.35 + \underline{\quad} = 12.1$ . (b) Find the missing number in  $\underline{\quad} - 6.48 = 3.5$ . (c) Which is greater:  $4.6 + 3.75$  or  $9.1 - 0.8$ ?

### 5 At the market

/ 3 pts

Jada buys apples for \$4.85, bread for \$3.20 and cheese for \$6.90. She pays with a \$20 bill. (a) Find the total. (b) Find her change. (c) Can she buy a juice that costs \$5.25 with that change? Explain.

### 6 Hiking trail

/ 3 pts

A trail has three sections of 2.65 km, 1.8 km and 3.45 km. A group has already walked 4.9 km. (a) How long is the whole trail? (b) How far is left? (c) The group walks 1.25 km more. How far is left now?



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