

SATS Revision Homework Sheet

DABs At Liskeard Tutoring

10 - Decimals

Q1. Circle the decimal that is nearest to the number in red:-

- a) **7.9** 8.1 7.4 6.8 7.8
b) **4** 3.5 4.4 3.8 4.25
c) **2.5** 2.01 2.42 2.53 2.48
d) **0.6** 0.25 0.55 0.85 0.7

Q2. Add these decimals together mentally:-

(Partitioning or compensation methods are recommended!)

- a) $3.5+2.1$ b) $6.1+3.7$ c) $2.7+3.5$ d) $4.3+2.7$
e) $6.2+2.9$ f) $12.4+3.8$ g) $11.8+4.7$ h) $2.55+2.7$

Q3. Complete this table:-

<i>Fractions</i>	<i>Decimals</i>	<i>Percentages</i>
<i>e.g.</i> $\frac{1}{2}$	0.5	50%
	0.1	
		20%
$\frac{1}{3}$		
	0.75	
$\frac{2}{5}$		
		80%
	0.66	
$\frac{3}{5}$		
		90%

Q4. Solve these problems using written methods:-

- a) $35.7+25.8$ b) $43.21+18.59$ c) $72.14+75.68$
d) $7.36+8.44$ e) $8.91+6.4$ f) $12.13+0.9$
g) $21.7-14.3$ h) $32.5-27.6$ i) $12.81-6.3$
j) $4.21-3.8$ k) $14.65-11.67$ l) $21.2-13.87$
m) 7.3×5 n) 8.4×7 o) 3.64×8 p) 7.71×6
q) $68.5 \div 5$ r) $127.8 \div 6$ s) $211.26 \div 6$ t) $86.1 \div 7$