GCSE Basic Skills Check v1.1

Name:	Name:	
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Don't think of this as an exam - it's just a check to see if there are any gaps in your basic skills that we need to fill in.

If you need just a quick reminder of how to answer some of these questions then it's OK to look them up, but bear in mind that by the time of GCSE exam you need to be able to use all these skills without peeking!

Take as long as total.	you need, and	l break it	down into a cou	ple of sit	tings if you	like, but try	not go over abou	t an ho
Do not use a	calculator f	or any o	of these quest	ions!				
Write your a	inswers on a	separa	te sheet of pa	per. Al	ways shov	v all your	working.	
1. Carry out the following calcu a) 67495 + 4893 d) 89 x 7		b) 674	and the second s		dividing, use decimal places rather than re c) $60495 - 4896$ f) $476 \div 7$ g) $3 \div 8$			
2. Put these nu -0.2	ımbers in ascei 3 -1	nding (inc 0.1	reasing) order: 0.03 -0.05					
3. Round:			nificant figure	 ii) the nearest whole number ii) the nearest hundredth ii) 2 d.p. ii) 3 s.f. ii) 3 s.f. 				
4. Work out the value of a) 3 + 2 × 5 b) 4 -			6 ÷ 2	c) (5 + 2) – (4 + 1) d) 3 x 2 ² e) (3 x 4) ²				4)2
5. Find:	a) $\frac{1}{4}$ of 60 cm		b) $\frac{3}{5}$ of 80 minutes					
6. Cancel the fr $\frac{2}{5}$			e matching pairs $\frac{6}{15}$ $\frac{5}{16}$			d ones out:		
7. Calculate, given a) $\frac{3}{5}$ + e) $\frac{2}{5}$ ×	c) $\frac{3}{4} + \frac{2}{5}$ g) $\frac{3}{15} \times \frac{5}{6}$	d) $\frac{3}{4}$ - h) $\frac{2}{5}$ ÷	$\frac{2}{5}$ 3 i)	$8 \div \frac{1}{3}$	j) $\frac{3}{5} \div \frac{6}{7}$			
8. Find:	a) 10% of £36		b) 5% of 40 kg		c) 35% of 120 m			
9. Find:	a) 0.8 of 6 d) 12 ÷ 0.4		b) 0.3 x 0.4 e) 2.8 ÷ 0.2		c) 0.09 x 1. f) 6 ÷ 0.03		g) 0.144 ÷ 0.12	
10. Solve these equations: a) 3x + 1 = 19 b) 4(x			−3) = −20	c) 5x +	5 = 2x + 8	d) 20 -	- 3x = 8	