Entry 3 Numeracy

Practice Paper

This paper has 18 questions

Some questions have more than one part, so there are really 24 questions in all. You have unlimited time.

In order to pass, you must score 21/24 or more.

Take your time and check and re-check your answers.

You may use a calculator for questions 15 and 16 only.

Good luck!

Curriculum References
Covers most areas of the E3 curriculum (number, measure and data).

To obtain an editable version of the original Word document please send teaching ideas or any adult basic skills resource that you would like to share to
maggie@skillsworkshop.org
THANK YOU

Practice paper E3   Name _____   Date _____

1.

198g   189g   203g
£129.45   £88.47   £81.57

a)   Circle the mobile phone with the **lightest weight**.

_____

b)   **How much heavier** is the heaviest phone than the lightest?

_____

2.   **Estimate** the total cost of all three mobiles in question 1.

_____

3.   **Calculate the exact cost** of the 3 mobiles in question 1.

_____

4.   **Choose** an instrument to measure the length of a mobile phone.

┌───┐
│   │
│ Candidate has selected the correct measuring instrument.   │
│   │
│ Assessor's signature: _____ Date: _____ │
│   │
└───┘

Practice paper E3   Name _____   Date _____

5.   Show your tutor **95 mm** on a measuring instrument.

> Candidate has shown me 95 mm on the tape measure.
>
> Assessor's signature: _____   Date: _____

6.

'Mobile Fones R Us' prices and delivery charges			
Phone	Price £	Delivery charge First class £	Delivery charge Second class £
Nokyer 321	45.09	3.99	2.99
J-Phone XTC	56.89	3.99	2.99
Woaderfone 457	99.54	3.99	2.99
Erixun 2020	123.65	4.99	4.15

Surinder orders an Erixun mobile.
She wants it delivered second-class.

a)   **Estimate the total cost** of Surinder's mobile including delivery.

_____

b)   **Calculate the exact cost** of Surinder's mobile including delivery.

_____

7.   3/10 of mobiles sold by Mobile Fones R Us are Woaderfones.

What is the fraction $\dfrac{3}{10}$ in **words?**

_____

Practice paper E3   Name _____   Date _____

8.   Jack orders a cupboard.

It is 90 cm wide, 120 cm high and has a depth of 60 cm.

a)   **Write these dimensions on the picture** in the correct places.

b)   He has an alcove in his room with these dimensions
      (h) 221 cm
      (w) 80 cm
      (d) 65 cm

Will the cupboard fit in that space? _____

9.   The cupboard is delivered at 14:45

What time is this? (Use words such as 'quarter to' or 'quarter past' and say whether it is morning or afternoon).

_____

10. What is 14.45 to the **nearest 10 minutes**?

_____

11.   Tickets for a show cost £9 each. **How much for 7 tickets?**

_____

12.   **Three thousand and seven** tickets are available for the show. **Write this number in figures.**

_____

13.   A pizza is cut into 8 equal parts. Two people eat 1/8 each so there are 6/8 left. What is 6/8 simplified? **Circle** the correct answer.

$$\frac{8}{6} \qquad\qquad \frac{6}{4} \qquad\qquad \frac{4}{3} \qquad\qquad \frac{3}{4}$$

14.   Sally needs to buy 64 stamps for her fund-raising group. Stamps are sold in books of 6. **How many books** must she buy?
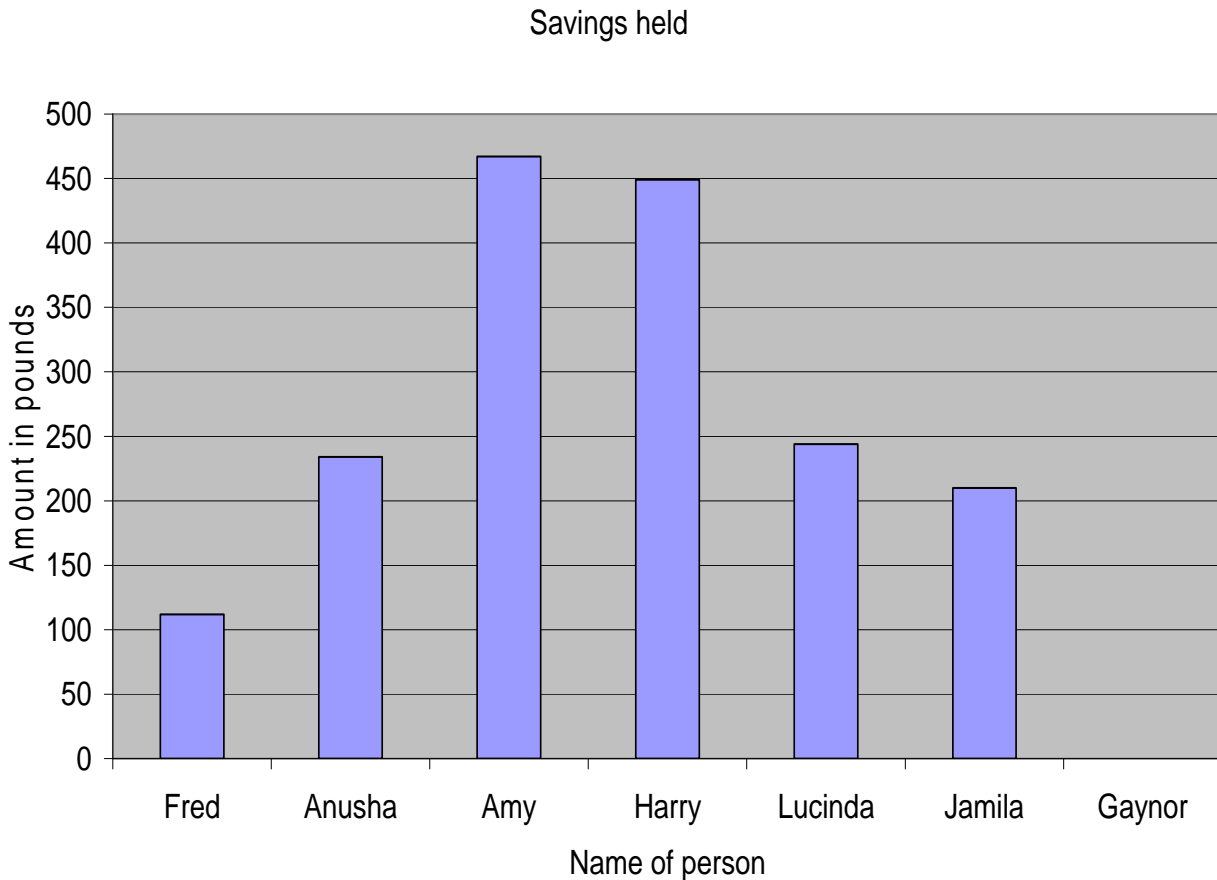
_____

15.   **Use a calculator to add** the following amounts of money:

£34.50 + £ 256.32 + 98p + £32.30

_____

16.   Jed added £234.89 to £324.54 and £21.87. He said it came to £581.03. Check his answer on the calculator. **Was it right?**

_____

Practice paper E3   Name _____   Date _____

17.   Look at the bar chart.

Savings held

a)   **Who has the most savings?**

_____

b)   How much does the person with the most savings have, **to the nearest £100?**

_____

c)   Does Fred have **more than £130** in his account?

_____

d)   Gaynor has £175 in her account. **Draw in the bar on the chart.**

_____

Practice paper E3   Name _____   Date _____

20. Sally writes down the colour of cars parked on her street.

~~red~~	~~blue~~	~~yellow~~	~~blue~~	~~green~~	~~white~~	~~white~~	white
red	yellow	yellow	blue	green	red	yellow	blue
green	white	blue	blue	blue	green	red	yellow
blue	white	green	white	white	red	yellow	blue
green	red	yellow	blue	green	white	red	yellow
blue	green	blue	red	yellow	blue	green	red
yellow	blue	green	red	yellow	blue	green	white
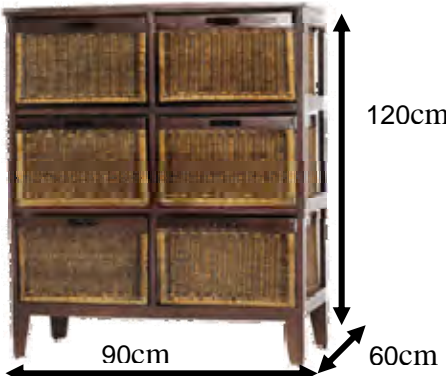
Complete the tally chart below with her information.
The first 7 have been done for you.

Car colour	Tally
Red	l
Blue	l l
Yellow	l
Green	l
White	l l

END OF TEST

Check your work carefully

	ANSWERS (21 out of 24 required for a pass)	✓
1a	189g (middle phone)	
1b	203 - 189 = 14 (grams)	
2	£130 + £90 + £80 = £300 (or any sensible estimate)	
3	£299.49	
4	Signature needed. (Provide a selection of at least three instruments e.g. protractor, ruler / tape, thermometer, spring balance, measuring jug / spoon, etc.)	
5	Signature needed	
6a	Allow £128 to £130. E.g. 124 + 4 = £120, or £125 + 5 = £130	
6b	£123.65 + £4.15 = £127.80	
7	Three tenths	

8a Correctly marked dimensions.

120cm
90cm
60cm

18

Car colour	Tally		
Red (10)	̶H̶H̶H̶ ̶H̶H̶H̶		
Blue (15)	̶H̶H̶H̶ ̶H̶H̶H̶ ̶H̶H̶H̶		
Yellow (11)	̶H̶H̶H̶ ̶H̶H̶H̶ I		
Green (11)	̶H̶H̶H̶ ̶H̶H̶H̶ I		
White (9)	̶H̶H̶H̶ IIII		

8a

18

8b	No (alcove is not wide enough)	
9	Quarter to three in the afternoon	
10	14.50 or 'ten to three'	
11	£63 (9 x 7)	
12	3007	
13	¾	
14	11 books (66 stamps - so 2 left over)	
15	£324.10	
16	No (correct answer is £581.30 not £581.03)	
17a	Amy	
17b	£500	
17c	No	
17d	Correctly drawn bar to approx £175	

Feedback: Self evaluation:

_____   _____

_____   _____

_____   _____

_____   _____