

Name:

Score: 60/60 Time:

Page 85. Mixed Problems

1. $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$ ✓
2. $\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$ ✓
3. $\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$ ✓
4. $\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$ ✓
5. $\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$ ✓
6. $\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$ ✓
7. $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$ ✓
8. $\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$ ✓
9. $\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$ ✓
10. $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$ ✓
11. $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ ✓
12. $\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$ ✓
13. $\begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array}$ ✓
14. $\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$ ✓
15. $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ ✓
16. $\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$ ✓
17. $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$ ✓
18. $\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$ ✓
19. $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$ ✓
20. $\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$ ✓
21. $\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$ ✓
22. $\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$ ✓
23. $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ ✓
24. $\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$ ✓
25. $\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$ ✓
26. $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ ✓
27. $\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$ ✓
28. $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$ ✓
29. $\begin{array}{r} 8 \\ \times 0 \\ \hline 0 \end{array}$ ✓
30. $\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$ ✓
31. $\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$ ✓
32. $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$ ✓
33. $\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$ ✓
34. $\begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$ ✓
35. $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ ✓
36. $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ ✓
37. $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$ ✓
38. $\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$ ✓
39. $\begin{array}{r} 10 \\ \times 10 \\ \hline 100 \end{array}$ ✓
40. $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$ ✓
41. $\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$ ✓
42. $\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$ ✓
43. $\begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array}$ ✓
44. $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$ ✓
45. $\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$ ✓
46. $\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$ ✓
47. $\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$ ✓
48. $\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$ ✓
49. $\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$ ✓
50. $\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$ ✓
51. $\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$ ✓
52. $\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$ ✓
53. $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ ✓
54. $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$ ✓
55. $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$ ✓
56. $\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$ ✓
57. $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$ ✓
58. $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$ ✓
59. $\begin{array}{r} 0 \\ \times 5 \\ \hline 0 \end{array}$ ✓
60. $\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$ ✓

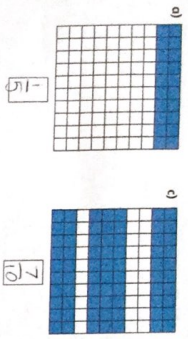
On your mark, Get set, Multiply!

Recognise tenths and hundredths

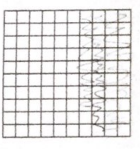


1 The hundred square represents 1 whole.

What fraction of each hundred square is shaded?



2 Here is a hundred square.



What fraction of the whole does each represent?

- a) 4 full rows = $\frac{40}{100}$ = $\frac{2}{5}$
 - b) 6 full columns = $\frac{60}{100}$ = $\frac{3}{5}$
 - c) 13 squares = $\frac{13}{100}$
 - d) 2 full rows and 5 squares = $\frac{25}{100}$ = $\frac{1}{4}$
 - e) 3 full columns and 8 squares = $\frac{38}{100}$ = $\frac{19}{50}$
- 3 Complete the sentences.
- a) 4 tenths is equivalent to $\frac{40}{100}$ hundredths.
 - b) 70 hundredths is equivalent to $\frac{7}{100}$ tenths.
 - c) 5 tenths is equivalent to $\frac{50}{100}$ hundredths or 1 half.

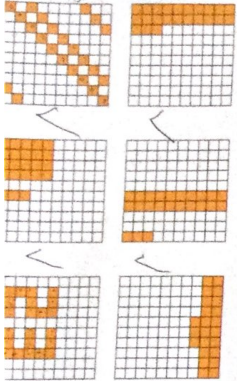
4 One row is one tenth and one column is one tenth, so if I colour one row and one column on my hundred square I will have shown 2 tenths.

Is Dexter correct? No

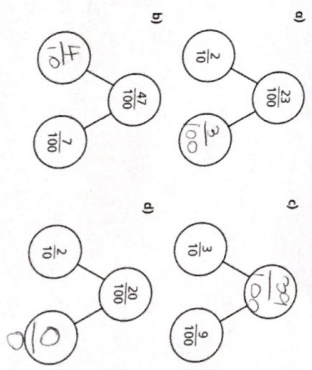
Explain your answer.
You may use the hundred square to help you.

Because at some point one column and Rows have to meet

5 Tick the hundred squares with $\frac{23}{100}$ shaded.



6 Complete the part-whole models.



7 Who is correct? Both of them
How many wags can you partition $\frac{73}{100}$?

Annle: $\frac{73}{100} = \frac{7}{10} + \frac{3}{100}$

Ron: $\frac{73}{100} = \frac{6}{10} + \frac{13}{100}$



Name: _____

Date: _____

Choose one of the activities below. You will need the Evolution Discussion Cards.

- Spread the cards out on your table. Nominate one person in your group to sort the cards into three groups: strongly agree; neither agree nor disagree; strongly disagree.
- The person sitting to the left now has a chance to persuade the group to move one of the cards. They can talk for one minute about their chosen card, giving reasons why it should be moved.
- After one minute, everyone in the group should vote whether or not they agree the card should be moved.
- Repeat the process until either everyone has spoken or everyone is agreed that the cards are in the correct piles.

- Turn over one of the cards and read it.
- Sit opposite a partner. For one minute, discuss whether or not you agree with the statement, giving reasons why. Both partners must have a chance to speak, and both must listen carefully.
- Turn over another card. Swap partners and discuss again.
- When all the cards have been discussed, swap partners for one final time. For one minute, discuss whether or not you were persuaded to change your mind by anything that was said.



Choose one of the statements and write it in the space below. Then, write a paragraph explaining whether or not you agree with it, giving reasons.

Statement: Humans are more important than other species.

I don't agree with humans are more important because we are 1 of the millions of species on earth and we all have our qualities. We are one of the species that are destroying earth not looking after it.

Study evolution is important

Evolution and Inheritance

Worksheet 6C

Name: _____

Date: _____

Choose one of the activities below. You will need the Evolution Discussion Cards.

- Spread the cards out on your table. Nominate one person in your group to sort the cards into three groups: strongly agree; neither agree nor disagree; strongly disagree.
- The person sitting to the left now has a chance to persuade the group to move one of the cards. They can talk for one minute about their chosen card, giving reasons why it should be moved.
- After one minute, everyone in the group should vote whether or not they agree the card should be moved.
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- Turn over another card. Swap partners and discuss again.
- When all the cards have been discussed, swap partners for one final time. For one minute, discuss whether or not you were persuaded to change your mind by anything that was said.



Choose one of the statements and write a persuasive argument either for or against it. Remember to give reasons for your ideas, and use persuasive language!

I think that studying how species evolve is important because we need to study species and fossils if we are going to learn anything about ^{our} ~~are~~ past. It's equally important that we look after animals ^{as well as} ~~than~~ looking after ourselves! By studying how species evolve we can learn how to look after species and our world. As well as helping look after our world ~~get~~ studying how species evolve helps us understand the lives of some of the most endangered animals in the world.

I think ^{and hope} that you ~~should~~ agree that looking after our world and studying evolution^{*} is important.

20.04.20

① a, 27 ✓

b, ~~100~~ × 73

c, 27 hundredths + 73 hundredths = 1 whole ✓

② a, 62 hundredths are on the left ✓

b, 38 hundredths are on the right ✓

~~60.62 + 0.38 = 1.00~~ ✓
c, $0.62 + 0.38 = 1$

③ a, 1 tenth = 10 hundredths ✓

b, $\frac{2}{10} = \frac{20}{100}$ ✓

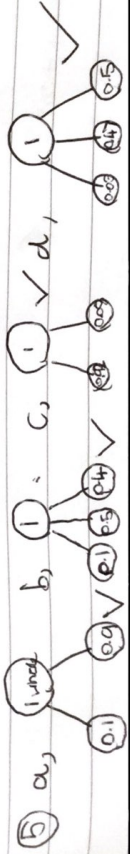
c, 70 hundredths = 7 tenths ✓

d, 32 hundredths = 0.32 ✓

e, 0.4 = 4 tenths ✓

f, 50 hundredths = 0.5 ✓

④ I don't agree with Dorel because 4 tenths of a hundred is 40 would be 40 hundredths. $40 + 96 = 136$ when it is supposed to be 100. ✓



Calculations
 Numbers that sum to 1

Calculations
 Numbers that don't sum to 1

$$\begin{aligned} 0.4 + 0.6 \\ 0.08 + 0.92 \\ 0.92 + 0.08 \end{aligned}$$

$$\begin{aligned} 0.4 + 0.06 \\ 0.04 + 0.06 \\ 0.8 + 0.92 \end{aligned}$$

How did I work them out

How did I work them out

$0.4 + 0.6 = 1$	$0.08 + 0.92 = 1$	$0.08 + 0.08$	$0.4 + 0.06$	$0.04 + 0.06$	$0.8 + 0.92$
0.4	0.08	same as	0.40	0.04	0.50
0.6	0.92	left one	+0.06	+0.06	+0.92
1.0	1.00		0.46	0.10	1.72
1	1			1	1

⑦ The length of the remaining ribbon is 0.76 m ✓

$$\textcircled{8} a, 0.1 + 0.9 = 1 \quad \checkmark$$

$$b, 0.99 + 0.01 = 1 \quad \checkmark$$

$$c, 0.03 + 0.97 = 1 \quad \checkmark$$

$$d, 0.15 + 0.84 + 0.01 = 1 \quad \checkmark$$

$$e, 0.15 + 0.28 + 0.65 = 1 \quad \checkmark$$

$$f, 0.46 + 0.04 + 0.5 = 1 \quad \checkmark$$

19.05.20

Y4 - Literacy - Lesson 2 poetry

①	Adjective	Noun	
	fluffy	feather	
	barmitz	bear	
	green	grass	
Ad- adverb	gently	glugged	← verb
	lazy	limousine	
	fantastic	Fox	

② a) Percy the penguin politely passed their playful pet platypus platypus to their baby penguin Patrick.

b) Sammy the snake slowly slithered & over to the stinky Snake Salami Shop and Sausage Shop.

c) Barney the bear is a beautiful, beaming, bashful baby Secret agent

d) Freddy the frog feasted on faries, french fries, figs, fried fish &, fudge, fahicas, fruitcake, filet of fish and fanta at his fantastic, fancy and fair party.

e, Rupert the rhino re rampaged into the red, repulsive, ravenous, restless and ruthless roman and Aztec warriors.

f, Tony the tortoise terrifically tasted tender tomatoes, Turnips and tea because he wanted to show his talented bull ~~paternal~~ grandma and his, ~~dads~~ ^{humans} and brothers ~~pride~~ that the food ~~he~~ ^{humans} eats are actually nice.