

LO: To use division with money.

Costly Challenge

1. $£15 \div 6 = \mathbf{£2.50}$
2. $£52 \div 4 = \mathbf{£13.00}$
3. $£25 \div 4 = \mathbf{£6.25}$
4. $£49 \div 5 = \mathbf{£9.80}$
5. $£63 \div 5 = \mathbf{£12.60}$
6. $£27 \div 6 = \mathbf{£4.50}$
7. $£85 \div 4 = \mathbf{£21.25}$
8. Grandma Jones wants to share £246 equally between her 4 grandchildren. How much money will each grandchild receive? **£61.50**
9. £525 is raised at a local charity fundraising event and is split equally between 4 local charities. How much money will each charity get? **£131.25**
10. A restaurant makes £98 in tips. There were 5 waitresses working that evening. How much will each waitress be given if the owner shares the tips equally? **£19.60**
11. Calculate the following and then write your own word problem for it. $£54.00 \div 8 = \mathbf{£6.75}$ **Pupil's own word problems.**

Lavish Challenge

1. $£88 \div 5 = \mathbf{£17.60}$
2. $£63 \div 4 = \mathbf{£15.75}$
3. $£150 \div 8 = \mathbf{£18.75}$
4. $£254 \div 5 = \mathbf{£50.80}$
5. $£166 \div 5 = \mathbf{£33.20}$
6. $£423 \div 6 = \mathbf{£70.50}$

7. $£382 \div 4 = \mathbf{£95.50}$
8. $£626 \div 8 = \mathbf{£78.25}$
9. Grandma Jones wants to share £826 equally between her 4 grandchildren. How much money will each grandchild receive? **£206.50**
10. £855 is raised at a local charity fundraising event and is split equally between 4 local charities. How much money will each charity get? **£213.75**
11. A restaurant makes £178 in tips. There were 5 waitresses working that evening. How much will each waitress be given if the owner shares the tips equally? **£35.60**
12. Calculate the following and then write your own word problem for it. $£466.00 \div 4 = \mathbf{£116.50}$ **Pupil's own word problems.**
13. Calculate the following and then write your own word problem for it. $£858.00 \div 8 = \mathbf{£107.25}$ **Pupil's own word problems.**

Valuable Challenge

1. $£153 \div 5 = \mathbf{£30.60}$
2. $£267 \div 12 = \mathbf{£22.25}$
3. $£649 \div 20 = \mathbf{£32.45}$
4. $£1254 \div 15 = \mathbf{£83.60}$
5. $£2166 \div 5 = \mathbf{£433.20}$
6. $£6425 \div 4 = \mathbf{£1606.25}$
7. $£5385 \div 25 = \mathbf{£215.40}$
8. $£8613 \div 22 = \mathbf{£391.50}$
9. Grandma Jones wants to share £6075 equally between her 12 grandchildren. How much money will each grandchild receive? **£506.25**
10. £8855 is raised at a local charity fundraising event and is split equally between 20 local charities. How much money will each charity get? **£442.75**

11. A restaurant makes £162.80 in tips. There were 5 waitresses working that evening. How much will each waitress be given if the owner shares the tips equally? **£32.56**
12. Calculate the following and then write your own word problem for it: $£3913 \div 14 =$
£279.50 Pupil's own word problems.
13. Calculate the following and then write your own word problem for it: $£7543 \div 20 =$
£377.15 Pupil's own word problems.
14. Which share would you rather have?
 $£1284 \div 15$ or $£1038 \div 12$ Explain your answer.

I would rather have $£1038 \div 12 = £86.50$ because $£1284 \div 15 = £85.60$ which is 90p less.

15. Sam says that if he shared £564 between him and his 7 friends, they would each get £80.57 each.

Is he right? **No**

Explain your answer.

Sam is wrong because he has calculated $£564 \div 7$ which is £80.57 but he has forgotten to include himself. He should have calculated $£564 \div 8 = £70.50$ each.