

NSPCC Number Day

9-11 year old resources:

Word problems



£1.20

53p

£4.58

£10

98p

Featuring
curriculum linked
resources from
the LifeSavers
programme

**Number
Day**

It's never too early to make the link between numbers and money with children

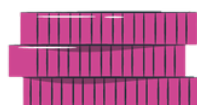
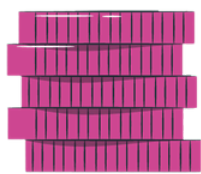
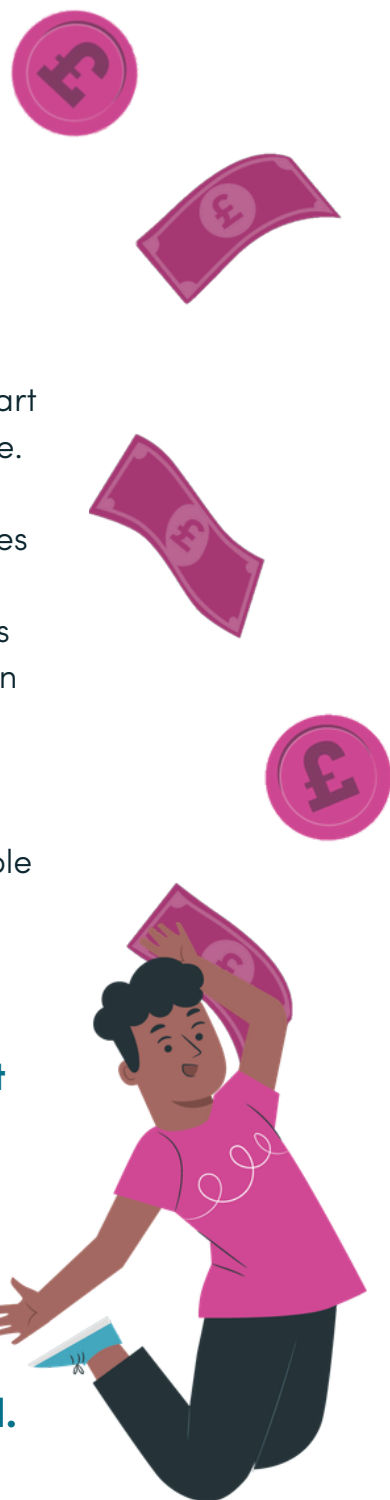
Habits formed in childhood can last a lifetime. It is important to start teaching and talking about money with children from a young age.

Research shows that financial habits begin to form as early as ages 4-7. And yet, financial education is not taught in primary schools through a consistent curriculum and learning experience. This puts some children at a disadvantage compared to their peers and can impact their financial confidence as they grow older.

Teaching and talking about money at home and at school encourages open communication. It helps children feel comfortable discussing financial choices and seeking advice, fostering a supportive environment where they can learn and grow.

We've put together some fun activities to help to start conversations with children aged 4 to 11 about money at school and at home.

Explore Just Finance Foundation's website jff.org.uk today to register your interest for our free financial education resources for your primary school.



9-11 years

Maths word problems

These maths problem-solving worksheets include word problems to challenge your 9-11 year old pupils.

What is a 'word problem' in maths?

A word problem in maths is a question written in one or more sentences that asks children to use their maths knowledge in a 'real-life' context.

Activity

Have a look through the 'real life' scenario cards below and see if you can work out the answers to the questions. We have included questions that require addition, subtraction and multiplication. You will also find a fraction or two! You might want to do work out the answers on a separate piece of paper before filling in the answers below Good luck!



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Maths word problems

1. You buy a t-shirt for £17.50 and a pair of shoes for £24.95. When you get to the till there is a 10% discount applied. How much do you spend altogether?

Answer:

2. You save up £13.50 for twenty weeks, what is the total amount you will have by the end of the twenty week period?

Answer:

3. You have a £20 note that your grandma gave you for your birthday. At the school fair, You buy a hotdog for £4.75, a doughnut for £2.50 and two bottles of orange juice for £2.25. How much change will you get?

Answer:

4. Lucy saves £2.87 for 7 weeks and Malik saves £3.62 for 4 weeks. Who saves the most and what is the difference in the amounts saved?

Answer:

9-11 years

Name:

Class: Date:

Maths word problems

5. Sumaiya earns £4.60 a week from doing chores around the house. If she didn't spend any and only saved, how much would she have saved after a whole year (52 weeks)?

Answer:

6. All of Year 5 and Year 6 are going on a school trip to Milo Land. There are 60 pupils in each year group and each pupil is asked to pay £2.35 towards the cost. How much needs to be collected in total?

Answer:

7. In a supermarket I buy a packet of strawberries which cost £2.24, a loaf of bread for 80p and a block of cheese for £2.80. When I get to the till, I use a coupon which gives me 25% off the total price. How much do I spend now?

Answer:

8. The Fabulous Furniture Farm shop has a $\frac{1}{2}$ price sale event. There is a chair for £37, a table for £84 and a footstool for £46. How much would they cost altogether after the $\frac{1}{2}$ sale discount is applied?

Answer:

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9-11 years

Maths word problems answers

1 Total before discount: $\pounds 17.50 + \pounds 24.95 = \pounds 42.45$
10% discount: $\pounds 42.45 \times 0.10 = \pounds 4.25$
Total after discount: $\pounds 42.45 - \pounds 4.25 = \pounds 38.20$

2 $\pounds 13.50 \times 20 = \pounds 270.00$

3 Total spent: $\pounds 4.75 + \pounds 2.50 + (\pounds 2.25 \times 2) = \pounds 4.75 + \pounds 2.50 + \pounds 4.50 = \pounds 11.75$
Change: $\pounds 20.00 - \pounds 11.75 = \pounds 8.25$

4 Lucy's total: $\pounds 2.87 \times 7 = \pounds 20.09$
Malik's total: $\pounds 3.62 \times 4 = \pounds 14.48$
Difference: $\pounds 20.09 - \pounds 14.48 = \pounds 5.61$
Lucy saves the most, with a difference of $\pounds 5.61$

5 $\pounds 4.60 \times 52 = \pounds 239.20$

6 Total pupils: $60 + 60 = 120$
Total cost: $120 \times \pounds 2.35 = \pounds 282.00$

7 Total before discount: $\pounds 2.24 + \pounds 0.80 + \pounds 2.80 = \pounds 5.84$
25% discount: $\pounds 5.84 \times 0.25 = \pounds 1.46$
Total after discount: $\pounds 5.84 - \pounds 1.46 = \pounds 4.38$

8 Chair: $\pounds 37 \div 2 = \pounds 18.50$
Table: $\pounds 84 \div 2 = \pounds 42.00$
Footstool: $\pounds 46 \div 2 = \pounds 23.00$
Total cost after discount: $\pounds 18.50 + \pounds 42.00 + \pounds 23.00 = \pounds 83.50$



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Just Finance Foundation (JFF) is a national charity dedicated to improving financial wellbeing across the UK through financial education. JFF provides schools with innovative financial education programmes that equip the next generation with the skills, knowledge and confidence to make informed money choices. JFF also supports families to feel confident teaching and talking about money at home, and advocates for financial literacy to be prioritised in education outcomes.



LifeSavers is our financial education programme, delivered free to primary schools across the UK. We work directly with teachers, educators and schools to provide a wide range of curriculum linked classroom resources and practical activities to engage children with financial education from a young age.

Discover our innovative primary school education resources at
www.justfinancefoundation.org.uk

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