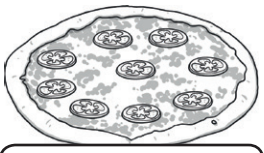
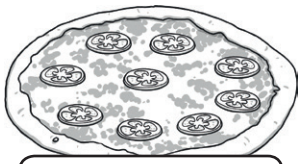
Name: Date:

KS2 Reasoning Test Practice Questions: Multi-step Money Problems

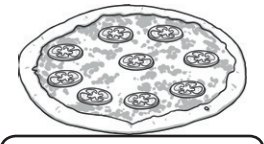
Pizzas are sold by a Pizzeria for the following prices:



Medium Pizza
£7.99



Large Pizza
£9.75



Small Pizza
£5.50

1. Four children buy one large and one medium pizza, sharing the cost equally. How much do they each pay? Give your answer as a whole amount.

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2. Five children buy two large pizzas and one small pizza, sharing the cost equally. How much do they each pay?

3. Hamed has £15 to buy pizza. What are the different options of pizzas he can buy?

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4. The Pizzeria has a special offer. Buy one large pizza or two medium pizzas and get a small pizza free. Krystian buys two large pizzas and two medium pizzas for a party. How many small pizzas does he get with the special offer, and how much does he save?

5. Eight children buy one large, one medium and three small pizzas. They share the cost equally. How much do they each pay?

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6. Morgan has £20 and Lowri has £10. They buy one large and three small pizzas. They agree to share the cost in a ratio of 2:1. How much will they each pay?

Morgan: _____ **Lowri:** _____

7. The Pizzeria runs a "Happy Hour", where the large pizzas are sold at $\frac{1}{3}$ off. How much would be saved by buying a large pizza in the "Happy Hour", rather than a medium pizza.

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8. A teacher buys some large pizzas for a class party. There are 30 children in the class. Each child contributes £2 towards the pizzas. How many large pizzas can the teacher buy and how much money will be left?

9. A football team have an end of season celebration. They have £95 to buy pizza. If the larger pizzas are better value, what is the best way to spend the money?

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10. The relative sizes of the pizzas are 3:2:1, so a large pizza is 3 times as big as a small pizza, and a medium pizza is twice as big as a small pizza. What is the most expensive way of buying the equivalent of a large pizza?

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question	answer	notes
1	£4.44	
2	£5	
3	1 large (£9.75); 1 medium and 1 small (£13.49); 2 small (£11)	
4	3 free small pizzas saving £16.50	
5	£4.28	
6	Morgan: **£17.50** Lowri: **£8.75**	
7	£1.49	
8	6 pizzas with £1.50 left.	
9	9 large and 1 small (£93.25)	
10	3 small pizzas (£16.50), as 1 medium and 1 small (£13.49) and 1 large (£9.75)	

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