

Math

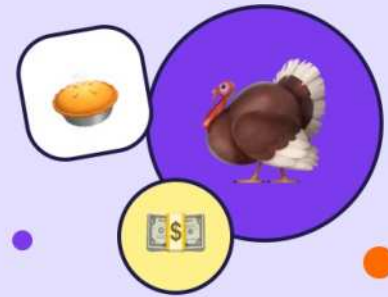
Grade 4

Thanksgiving math: plan a \$100 dinner

Shop from a grocery flyer, multiply prices and stay under budget.



I can multiply and add money amounts to stay within a budget.



1



Shopping list

Multiply the price by how many you buy.



Item	Price each	How many	Cost
Turkey	\$24	1	
Bag of potatoes	\$4	2	
Can of cranberry sauce	\$2	3	
Pack of rolls	\$3	4	
Pumpkin pie	\$9	2	
Bag of green beans	\$3	3	

2

**Check the budget**

Use your shopping list.

1. The total cost is \$ _____.
2. Money left from \$100 is \$ _____.
3. With a second turkey, the total would be \$ _____.

3

**Compare costs**

Write $>$, $<$ or $=$ in each circle.

$4 \times \$6$



$\$25$

$3 \times \$8$



$2 \times \$12$

$\$100 - \37



$\$65$

$6 \times \$7$



$\$40$

4

**Dinner problems**

Circle the right answer.

1. 12 guests each get 2 rolls. How many rolls are needed?

A 14

B 24

C 36
2. Rolls come in packs of 8. How many packs make 24 rolls?

A 3

B 4

C 8
3. Each pie is cut into 8 slices. How many slices are in 3 pies?

A 11

B 24

C 32

5

**Kitchen math drill**

Multiply or divide.

1. $24 \times 3 =$ _____

2. $9 \times 7 =$ _____

3. $36 \times 4 =$ _____

4. $125 \times 3 =$ _____

5. $96 \div 8 =$ _____

6. $84 \div 6 =$ _____

7. $150 \div 5 =$ _____

6

**True or false**

Circle True or False.

1. $\$24 + \$18 = \$42$

True

False

2. 5 packs of 8 rolls make 45 rolls.

True

False

3. $\$100 - \$77 = \$23$

True

False

4. 3 pies cut into 8 slices each make 24 slices.

True

False

5. $\$9 \times 4 = \32

True

False

6. Half of \$50 is \$25.

True

False

7

**Cook for more guests**

The recipe is for 4 guests. Find how much you need for 8 and for 12 guests.

Food	4 guests	8 guests	12 guests
Pounds of potatoes	3		
Cups of cranberries	2		
Rolls	8		

8 **Big day problems**

Read each problem and circle the right answer.

1. A turkey cooks for 15 minutes per pound. How long does a 12-pound turkey cook?

A 2 hours

B 3 hours

C 4 hours

2. Mom buys 3 pies at \$9 each and pays with a \$50 bill. How much change does she get?

A \$23

B \$27

C \$41

3. 18 guests sit at tables of 4. How many tables are needed so everyone has a seat?

A 4

B 5

C 6

4. Corn costs \$3 an ear. How many ears can you buy with \$20?

A 5

B 7

C 6

9 **Spend the rest**

You have \$23 left. Extra items: apple cider \$5, ear of corn \$3 each, salad \$7. Choose items that cost \$23 or less. Show your math.

How did it go?



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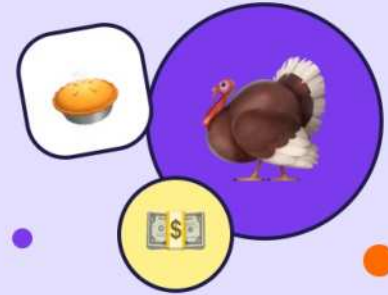
Math

Grade 4

Answer key

Thanksgiving math: plan a \$100 dinner

Shop from a grocery flyer, multiply prices and stay under budget.



I can multiply and add money amounts to stay within a budget.

1



Shopping list

Multiply the price by how many you buy.



Item	Price each	How many	Cost
Turkey	\$24	1	\$24
Bag of potatoes	\$4	2	\$8
Can of cranberry sauce	\$2	3	\$6
Pack of rolls	\$3	4	\$12
Pumpkin pie	\$9	2	\$18
Bag of green beans	\$3	3	\$9

2

**Check the budget**

Use your shopping list.

1. The total cost is \$ 77.
2. Money left from \$100 is \$ 23.
3. With a second turkey, the total would be \$ 101.

3

**Compare costs**

Write $>$, $<$ or $=$ in each circle.

$4 \times \$6$



$\$25$

$3 \times \$8$



$2 \times \$12$

$\$100 - \37



$\$65$

$6 \times \$7$



$\$40$

4

**Dinner problems**

Circle the right answer.

1. 12 guests each get 2 rolls. How many rolls are needed?

A 14**B** 24**C** 36

2. Rolls come in packs of 8. How many packs make 24 rolls?

A 3**B** 4**C** 8

3. Each pie is cut into 8 slices. How many slices are in 3 pies?

A 11**B** 24**C** 32

5



Kitchen math drill

Multiply or divide.

1. $24 \times 3 =$ 72

2. $9 \times 7 =$ 63

3. $36 \times 4 =$ 144

4. $125 \times 3 =$ 375

5. $96 \div 8 =$ 12

6. $84 \div 6 =$ 14

7. $150 \div 5 =$ 30

6



True or false

Circle True or False.

1. $\$24 + \$18 = \$42$

True

False

2. 5 packs of 8 rolls make 45 rolls.

True

False

3. $\$100 - \$77 = \$23$

True

False

4. 3 pies cut into 8 slices each make 24 slices.

True

False

5. $\$9 \times 4 = \32

True

False

6. Half of \$50 is \$25.

True

False

7



Cook for more guests

The recipe is for 4 guests. Find how much you need for 8 and for 12 guests.

Food	4 guests	8 guests	12 guests
Pounds of potatoes	3	6	9
Cups of cranberries	2	4	6
Rolls	8	16	24

8 **Big day problems**

Read each problem and circle the right answer.

1. A turkey cooks for 15 minutes per pound. How long does a 12-pound turkey cook?

A 2 hours

B 3 hours

C 4 hours

2. Mom buys 3 pies at \$9 each and pays with a \$50 bill. How much change does she get?

A \$23

B \$27

C \$41

3. 18 guests sit at tables of 4. How many tables are needed so everyone has a seat?

A 4

B 5

C 6

4. Corn costs \$3 an ear. How many ears can you buy with \$20?

A 5

B 7

C 6

9 **Spend the rest**

You have \$23 left. Extra items: apple cider \$5, ear of corn \$3 each, salad \$7. Choose items that cost \$23 or less. Show your math.

Answers vary. Example: 1 salad + 1 cider + 3 ears of corn = \$7 + \$5 + \$9 = \$21, which is under \$23. \$23 - \$21 = \$2 left.

How did it go?



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