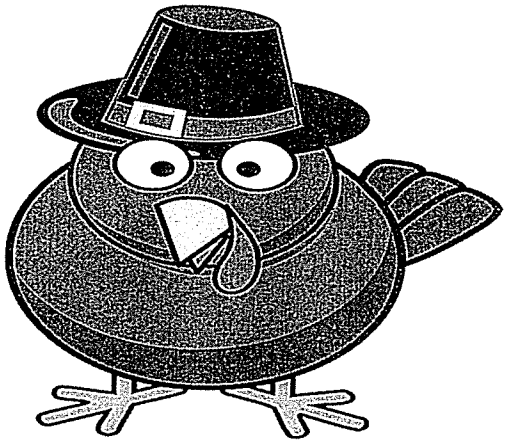
5th Grade Math

Week of November 16 - 20, 2020

November 23 - 24,2020



Name _____

* Please do not complete until advised by teacher*

Name : _____ Score : _____

Teacher : _____ Date : _____

20 ÷ 4 =	32 ÷ 8 =	5 ÷ 5 =	12 ÷ 3 =
30 ÷ 5 =	21 ÷ 3 =	4 ÷ 2 =	6 ÷ 1 =
18 ÷ 6 =	2 ÷ 2 =	64 ÷ 8 =	18 ÷ 9 =
77 ÷ 7 =	16 ÷ 2 =	27 ÷ 9 =	49 ÷ 7 =
36 ÷ 4 =	11 ÷ 1 =	35 ÷ 7 =	36 ÷ 4 =

Name : _____ Score : _____

Teacher : _____ Date : _____

18 ÷ 3 =	12 ÷ 6 =	66 ÷ 6 =	49 ÷ 7 =
36 ÷ 9 =	16 ÷ 2 =	54 ÷ 9 =	54 ÷ 6 =
1 ÷ 1 =	28 ÷ 7 =	56 ÷ 8 =	27 ÷ 3 =
20 ÷ 4 =	9 ÷ 9 =	55 ÷ 5 =	5 ÷ 1 =
15 ÷ 5 =	16 ÷ 2 =	21 ÷ 7 =	16 ÷ 8 =

Monday, November 16, 2020

Lesson 4-2 Exit Ticket

Estimate each using rounding or compatible numbers.

1. 0.99 x 56

2. 32 x 2.69

November 16, 2020

At the book store they were offering a deal where you get $3 off when you purchase 8 books. If Olivia bought 8 books and each book cost $4, how much would her final price be?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Practice Video Tools Games

Additional Practice 4-2

Estimate the Product of a Decimal and a Whole Number

Another Look!

Zane needs to buy 27 party favors for the family reunion. The favors cost $2.98 each. About how much will the party favors cost in all?

Here are two ways you can estimate.

Round both numbers.

$2.98 × 27

↓ ↓

$3 × 30 = $90

The favors will cost about $90.

Replace the factors with compatible numbers and multiply mentally.

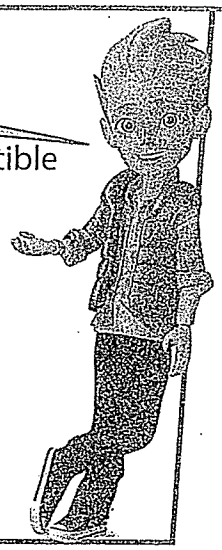
$2.98 × 27

↓ ↓

$3 × 25 = $75

The favors will cost about $75.

Since 27 is between 25 and 30, the total cost will be between $75 and $90.



1. Round to the greatest place to estimate 23×1.75.

23×1.75

↓ ↓

____ ____

So, 23×1.75 is about ____

2. Use compatible numbers to estimate 12×0.49.

12×0.49

↓ ↓

____ ____

So, 12×0.49 is about ____

In **3–14**, estimate each product.

3. 19.3×6

4. 345×5.79

5. 9.66×0.46

6. 8.02×70

7. 1.56×48

8. 45.1×5

9. 0.13×11

10. 99.7×92

11. 147×10.4

12. 23.7×4.76

13. 3×0.85

14. 0.35×9

Name : _____ Score : _____

Teacher : _____ Date : _____

64 ÷ 8 =	35 ÷ 7 =	88 ÷ 8 =	5 ÷ 5 =
36 ÷ 6 =	4 ÷ 1 =	6 ÷ 2 =	28 ÷ 4 =
33 ÷ 3 =	12 ÷ 2 =	45 ÷ 5 =	18 ÷ 6 =
36 ÷ 9 =	16 ÷ 8 =	21 ÷ 3 =	10 ÷ 2 =
81 ÷ 9 =	12 ÷ 6 =	24 ÷ 3 =	7 ÷ 7 =

Name : _____ Score : _____

Teacher : _____ Date : _____

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16 ÷ 2 =	8 ÷ 1 =	12 ÷ 3 =	7 ÷ 7 =
30 ÷ 6 =	45 ÷ 5 =	24 ÷ 8 =	21 ÷ 3 =
88 ÷ 8 =	3 ÷ 3 =	12 ÷ 4 =	4 ÷ 1 =
10 ÷ 5 =	63 ÷ 7 =	24 ÷ 4 =	18 ÷ 9 =
36 ÷ 6 =	44 ÷ 4 =	25 ÷ 5 =	14 ÷ 2 =

November 17, 2020

A chef bought 10 bags of apples for $33. Each bag had five apples, but he had to throw away 6 apples because they were rotten. How many good apples did the chef end up with?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Tuesday, November 17, 2020 Lesson 4-3 Exit Ticket

Find each product.

1. 3 x 1.15

2. 3 x 0.7

Name _____

Practice Video Tools Games

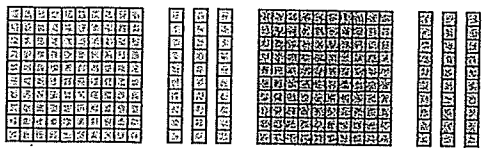
Additional Practice 4-3
Use Models to Multiply a Decimal and a Whole Number

Another Look!

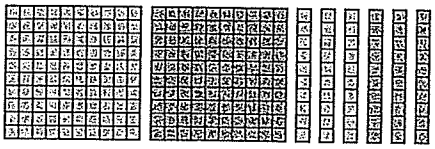
A nature preserve has two hiking trails. Trail 1 is 1.3 miles long. Trail 2 is twice as long as Trail 1. How long is Trail 2?

Use place-value blocks to find the product.

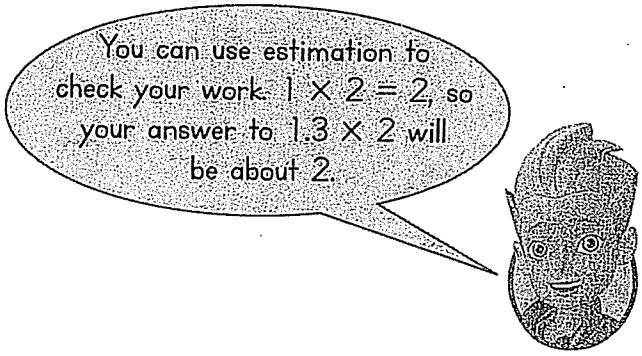
Show 2 groups of 1.3.



Combine the blocks.



So, $1.3 \times 2 = 2.6$. Trail 2 is 2.6 miles long.



In **1** and **2**, find the product. Use place-value blocks for help.

1. $0.45 \times 3 =$

2. $0.08 \times 6 =$

In **3–10**, find the product. Use models to help, if needed.

3. 12×0.08

4. 1.75×4

5. 0.85×3

6. 6×0.12

7. 3×0.33

8. 0.45×10^2

9. 3×2.89

10. 7.6×2

Name : _____ Score : _____

Teacher : _____ Date : _____

$2\overline{)8}$	$3\overline{)27}$	$6\overline{)12}$	$2\overline{)4}$
$9\overline{)63}$	$3\overline{)27}$	$7\overline{)14}$	$5\overline{)35}$
$4\overline{)28}$	$3\overline{)18}$	$8\overline{)40}$	$2\overline{)16}$
$9\overline{)81}$	$9\overline{)36}$	$4\overline{)12}$	$8\overline{)64}$
$5\overline{)15}$	$5\overline{)25}$	$6\overline{)18}$	$7\overline{)42}$
$7\overline{)56}$	$8\overline{)40}$	$6\overline{)24}$	$4\overline{)24}$

Name : _____ Score : _____

Teacher : _____ Date : _____

$7\overline{)28}$	$4\overline{)32}$	$6\overline{)18}$	$7\overline{)21}$
$8\overline{)48}$	$4\overline{)8}$	$4\overline{)28}$	$8\overline{)32}$
$6\overline{)30}$	$8\overline{)72}$	$7\overline{)63}$	$9\overline{)45}$
$3\overline{)9}$	$6\overline{)36}$	$5\overline{)10}$	$2\overline{)16}$
$2\overline{)10}$	$5\overline{)20}$	$3\overline{)21}$	$9\overline{)72}$
$3\overline{)21}$	$2\overline{)18}$	$5\overline{)30}$	$9\overline{)18}$

Wednesday, November 18, 2020

Lesson 4-4 Exit Ticket

Find each product.

1. 8.4 x 2

2. 5.6 x 12

November 18, 2020

Edward was selling drawings for $3 each. For every 10 drawings he sold, he had to use $7 in art supplies to make them. How much profit would he make if he sold 10 drawings?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Practice Video Tools Games

Additional Practice 4-4
Multiply a Decimal and a Whole Number

Another Look!

Travis can read a book chapter in 2.3 hours. The book has 18 chapters. How long will it take Travis to read the book?

Multiply as with whole numbers.

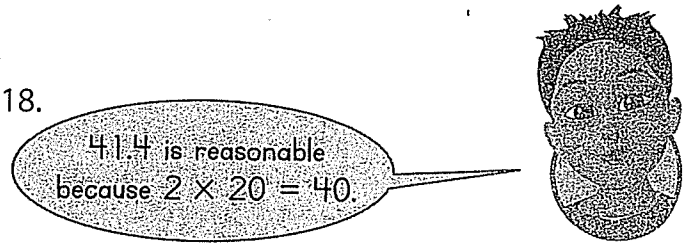
$$\begin{array}{r} {\scriptstyle 2} \\ 23 \\ \times\ 18 \\ \hline 184 \\ +\ 230 \\ \hline 414 \end{array}$$

So, $23 \times 18 = 414$. Now think about the number of decimal places to find 2.3×18.

Since $2 \times 18 = 36$ and $3 \times 18 = 54$, the product must be between 36 and 54.

41.4

It will take Travis 41.4 hours.



In **1** and **2**, use number sense to find the products.

1. $46 \times 3 = 38$

$4.6 \times 3 =$ _____

$0.46 \times 3 =$ _____

2. $17 \times 15 = 255$

$17 \times 1.5 =$ _____

$17 \times 0.15 =$ _____

In **3–14**, find each product.

3. $\begin{array}{r} 27.4 \\ \times\ \ 7 \\ \hline \end{array}$

4. $\begin{array}{r} 336 \\ \times\ 0.4 \\ \hline \end{array}$

5. $\begin{array}{r} 88 \\ \times\ 1.8 \\ \hline \end{array}$

6. $\begin{array}{r} 4.02 \\ \times\ \ 9 \\ \hline \end{array}$

7. 1.7×12

8. 105×0.4

9. 1.4×32

10. 0.89×21

11. 4.4×18

12. 0.3×279

13. 95×5.7

14. 46×0.46

November 19, 2020

For a grocery store's 25 year anniversary sale they ordered 10 crates of grapes with each crate containing 9 bags of grapes. After the anniversary sale they had sold all but 5 bags. How many bags of grapes did they sell during the anniversary?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name : _____ Score : _____

Teacher : _____ Date : _____

$6\overline{)30}$	$9\overline{)45}$	$3\overline{)6}$	$2\overline{)4}$
$8\overline{)32}$	$9\overline{)36}$	$3\overline{)9}$	$7\overline{)63}$
$4\overline{)32}$	$6\overline{)54}$	$4\overline{)24}$	$7\overline{)56}$
$4\overline{)28}$	$7\overline{)42}$	$2\overline{)14}$	$5\overline{)20}$
$8\overline{)56}$	$8\overline{)72}$	$6\overline{)12}$	$9\overline{)45}$
$2\overline{)16}$	$5\overline{)15}$	$5\overline{)15}$	$3\overline{)18}$

Name : _____ Score : _____

Teacher : _____ Date : _____

$6\overline{)24}$	$3\overline{)6}$	$8\overline{)72}$	$4\overline{)12}$
$7\overline{)56}$	$6\overline{)36}$	$3\overline{)12}$	$2\overline{)12}$
$4\overline{)28}$	$4\overline{)12}$	$9\overline{)81}$	$2\overline{)18}$
$5\overline{)25}$	$8\overline{)16}$	$5\overline{)40}$	$7\overline{)49}$
$8\overline{)40}$	$3\overline{)12}$	$2\overline{)12}$	$9\overline{)18}$
$6\overline{)30}$	$5\overline{)15}$	$7\overline{)49}$	$9\overline{)72}$

Friday, November 20, 2020

Lesson 4-5 Exit Ticket

1. 2.8×0.3

2. 0.8×0.6

November 20, 2020

A pet store kept their hamsters in cages with 10 per cage. For their Thanksgiving sale they put out 8 cages and end up selling all but 19 hamsters. How many hamsters did they sell during their Thanksgiving sale?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Practice Video Tools Games

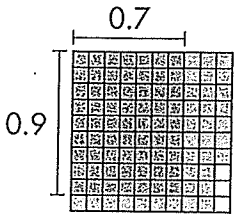
Additional Practice 4-5

Use Models to Multiply a Decimal and a Decimal

Another Look!

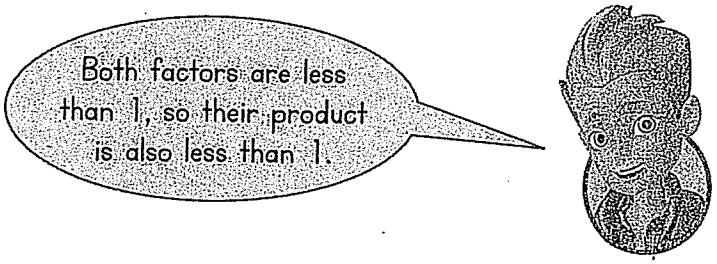
Find 0.7×0.9. Use an area model to find the product.

Use each factor as a side of a rectangle on a hundredths grid.



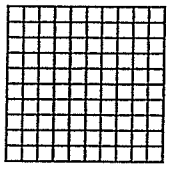
The squares in the double shaded area represent the product.

The double shaded area contains 63 hundredths squares, so $0.7 \times 0.9 = 0.63$.

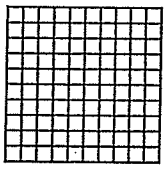


In **1–3**, shade the hundredths grids to find the product.

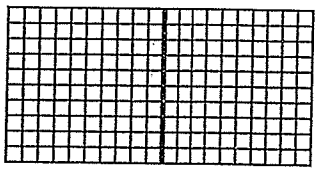
1. 0.8×0.8



2. 0.5×0.6



3. 0.7×1.6



In **4–15**, find the product. You may use grids to help.

4. 1.9×0.4

5. 0.2×0.9

6. 2.8×0.6

7. 0.3×3.4

8. 5.6×0.8

9. 0.8×0.1

10. 0.9×4.1

11. 3.7×0.2

12. 4.4×0.7

13. 0.9×0.5

14. 0.2×6.8

15. 9.1×0.3

November 23, 2020

To earn some extra money Janet started selling handmade bracelets. She spent 3 dollars on supplies and began selling them for $1 each. She sold 7 before running out of supplies. How much of what she earned was profit?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name : _____ Score : _____

Teacher : _____ Date : _____

1) 2 x 8 =

2) 9 x 2 =

3) 4 x 5 =

4) 5 x 0 =

5) 7 x 0 =

6) 5 x 7 =

7) 5 x 8 =

8) 9 x 9 =

9) 6 x 9 =

10) 4 x 7 =

11) 2 x 4 =

12) 8 x 7 =

13) 7 x 1 =

14) 3 x 0 =

15) 8 x 3 =

16) 6 x 4 =

17) 0 x 2 =

18) 2 x 5 =

19) 2 x 0 =

20) 1 x 2 =

Name : _____ Score : _____

Teacher : _____ Date : _____

1) 0 x 0 =

2) 8 x 4 =

3) 2 x 0 =

4) 2 x 5 =

5) 0 x 4 =

6) 8 x 4 =

7) 4 x 4 =

8) 4 x 1 =

9) 9 x 4 =

10) 8 x 5 =

11) 6 x 8 =

12) 1 x 5 =

13) 2 x 0 =

14) 7 x 4 =

15) 8 x 7 =

16) 6 x 3 =

17) 9 x 9 =

18) 3 x 1 =

19) 1 x 8 =

20) 6 x 7 =

November 24, 2020

For the science fair Haley wanted to see how many minutes of videos she watched were ads. She watched 8 videos with each video lasting 8 minutes. After watching the videos she calculated that she had watched 3 minutes of ads over all the videos. How many minutes were not ads?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name : _____ Score : _____

Teacher : _____ Date : _____

1) 6 x 7 =

2) 2 x 7 =

3) 2 x 4 =

4) 7 x 1 =

5) 9 x 1 =

6) 2 x 9 =

7) 0 x 9 =

8) 7 x 2 =

9) 8 x 8 =

10) 6 x 9 =

11) 7 x 2 =

12) 3 x 1 =

13) 3 x 8 =

14) 8 x 7 =

15) 0 x 9 =

16) 4 x 0 =

17) 9 x 7 =

18) 6 x 7 =

19) 0 x 7 =

20) 4 x 9 =

Name : _____ Score : _____

Teacher : _____ Date : _____

1) 6 x 8 =

2) 4 x 1 =

3) 2 x 9 =

4) 6 x 3 =

5) 3 x 2 =

6) 6 x 9 =

7) 8 x 0 =

8) 4 x 1 =

9) 6 x 6 =

10) 9 x 3 =

11) 1 x 3 =

12) 7 x 6 =

13) 9 x 6 =

14) 2 x 4 =

15) 6 x 7 =

16) 9 x 5 =

17) 2 x 5 =

18) 6 x 1 =

19) 6 x 4 =

20) 6 x 1 =

Shopping for Thanksgiving Dinner MATH ACTIVITY

Great Grubs Grocery

High Quality Products at Great Prices

Unsalted Butter, 16 oz - $4.99
Buy One Get One Free

5 lb bag of flour - $2.99

One Dozen Eggs - $2.96

Get ready for dinner!
5 lb bag of Idaho potatoes - $4.99
Buy One Get One Free

Sam's Supermarket

Great Products, Family Friendly Prices

Frozen turkey $0.59/lb

Bananas $0.70/lb

Apples $1.89/lb

Green Beans $1.99/lb

Sweet Corn $0.50 per ear

Cupcakes -

Coupon Page

re Coupon	No Date
m's Supermarket	
$2 off $10	
orth of fresh fruits and vegetables	

Store Coupon	No Date
Great Grubs Grocery	
$5 off your next shopping trip of $50 or more	

re Coupon	No Date
n's Supermarket	
our bakery purchase of $5 or more	

Store Coupon	No Date
Sam's Supermarket	
$2 off when you buy 5 lbs of potatoes and a 10 lb or larger turkey	

re Coupon	No Date
n's Supermarket	
$0.35 off your next purchase of	

Store Coupon	No Date
Sam's Supermarket	
$0.50 off two 64 oz bottles of juice	

Name: _____

Shopping for Thanksgiving Dinner

Your family needs help with preparing for the holiday - it is up to you to plan the grocery store shopping for Thanksgiving! The shopping list was written, but you need to figure out where to buy each item for the best price.

Thanksgiving Shopping List

12 lb frozen turkey	5 lb potatoes
3 lb sweet potatoes	1 dozen eggs
2 boxes of stuffing	1 dozen rolls
64 oz of apple juice	1 pumpkin pie
1 16 oz box of butter	1 apple pie
2 lb of green beans	2 lb of apples
1 dozen ears of corn	
1 16 oz can of cranberry sauce	

Your family has a budget of $450.00. In your town there are two grocery stores: Great Grubs Grocery and Sam's Supermarket. Both store offer different sales each week. Use their sales flyers to determine the best deal for each item on your list.

Once you have determined the prices, circle or highlight the best deal for each item on your list. Total the cost of the lowest prices.

Total: _____

Item	Great Grubs Grocery Price	Sam's Supermarket Price
12 lb frozen turkey		
5 lb potatoes		
3 lb sweet potatoes		
2 boxes of stuffing		
64 oz of apple juice		
1 16 oz box of butter		
1 dozen eggs		
1 dozen rolls		

1. Find the total for all the groceries at each store. How much money did you save by buying your groceries at two different stores?

2. Do you think it is worth splitting up the shopping? Why or why not? Use math to support your answer.

3. If you had the money, were there some items that would be cheaper to buy in bulk? Ex. If you bought 10 lbs of potatoes instead of 5 lbs., would each pound be cheaper?

4. Could you buy all of your items at Great Grubs Grocery and use the $5 off $50 worth of groceries if you only have $45? Could you buy a few more items and use the coupons? Why or why not?

Teaching Ideas 4U by Amy Mezni

Name: _____

Shopping for Thanksgiving Dinner

Your family needs help with preparing for the holiday - it is up to you to plan the grocery store shopping for Thanksgiving! The shopping list was written, but you need to figure out where to buy each item for the best price.

Thanksgiving Shopping List

- 12 lb frozen turkey
- 3 lb sweet potatoes
- 2 boxes of stuffing
- 64 oz of apple juice
- 1 16 oz box of butter
- 2 lb of green beans
- 1 dozen ears of corn
- 1 16 oz can of cranberry sauce
- 5 lb potatoes
- 1 dozen eggs
- 1 dozen rolls
- 1 pumpkin pie
- 1 apple pie
- 2 lb of apples

Your family has a budget of $45.00. In your town there are two grocery stores: Great Grubs Grocery and Sam's Supermarket. Both store offer different sales each week. Use their sales flyers to determine the best deal for each item on your list.

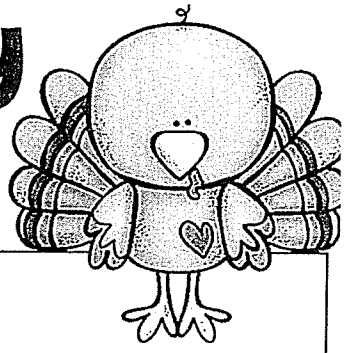
Once you have determined the prices, circle or highlight the best deal for each item on your list. Total the cost of the lowest prices.

Total: _____

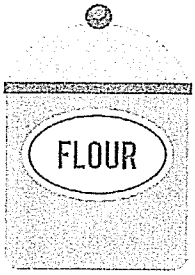
Item	Great Grubs Grocery Price	Sam's Supermarket Price
12 lb frozen turkey		
5 lb potatoes		
3 lb sweet potatoes		
2 boxes of stuffing		
64 oz of apple juice		
1 16 oz box of butter		
1 dozen eggs		
1 dozen rolls		
1 pumpkin pie		
1 apple pie		
2 lb of green beans		
1 dozen ears of corn		
2 lb of apples		
1 16 oz can of cranberry sauce		

Great Grubs Grocery

High Quality Products at Great Prices

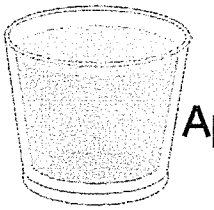


Unsalted Butter, 16 oz - $4.99
Buy One Get One Free



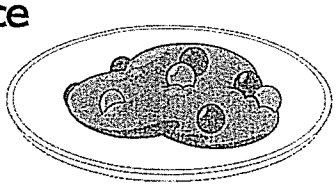
5 lb bag of flour - $2.99

One Dozen Eggs - $2.96

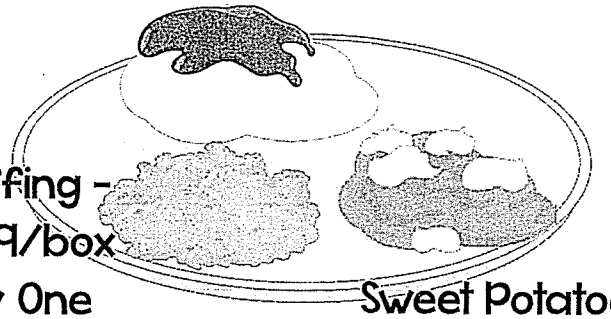


Apple Juice 64 oz Jar - $2.69

Cranberry Sauce
$1.99/16 oz can
Buy One
Get One Free

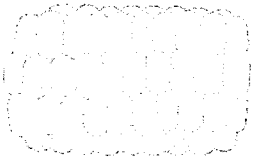


Get ready for dinner!
5 lb bag of potatoes - $4.99
Buy One Get One Free



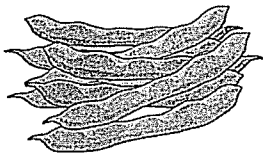
Stuffing - $1.99/box
Buy One
Get One Free

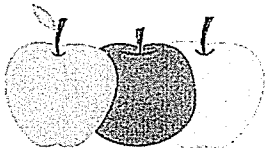
Sweet Potatoes - $0.50/lb



Sweet Corn
Half dozen ears for $2.99

Green Beans $1.99/lb

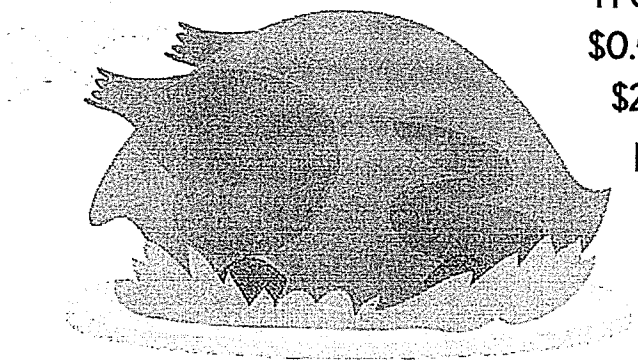




Apples $1.80/lb

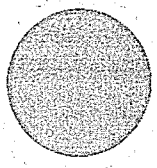
Bananas $0.60/lb

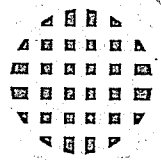
HAPPY THANKSGIVING



Frozen turkey $0.49/lb with a $20 grocery purchase

Fresh pies - $4.50/each
Buy One
Get One Free

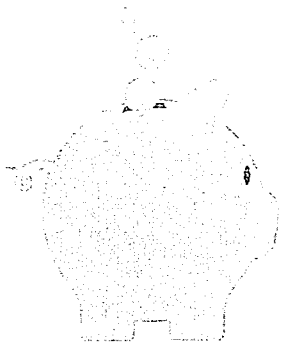


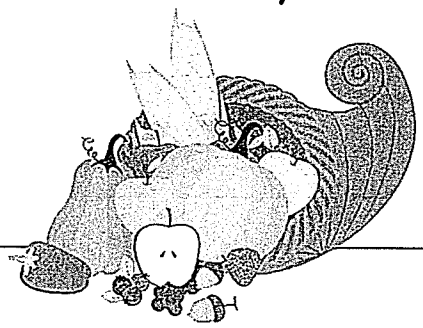


Fresh Baked Rolls - $2.99/half dozen
Buy One
Get One Free

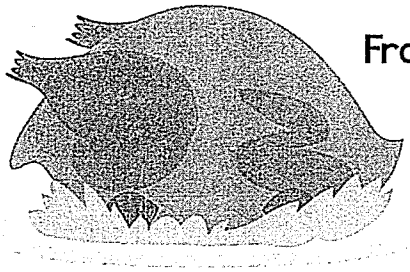
Sam's Supermarket

Great Products, Family Friendly Prices

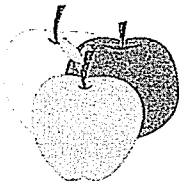




Bananas
$0.70/lb

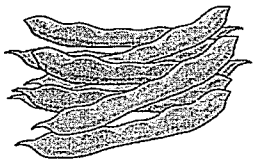


Frozen turkey
$0.59/lb



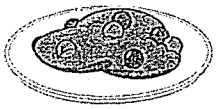
Apples $1.89/lb

Green Beans
$1.99/lb



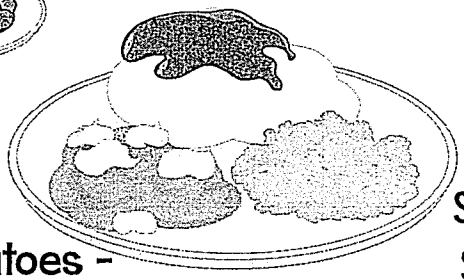
Apple Juice
64 oz Jar -
$2.89

Cranberry Sauce
$1.35/16 oz can



5 lb bag of
potatoes - $2.99

Sweet Corn
$0.50 per ear

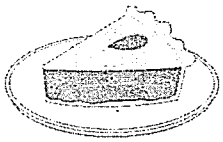


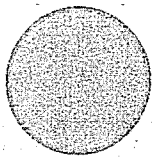
Stuffing -
$1.49/box

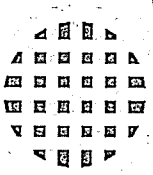
Sweet Potatoes -
$2.99/5 lb

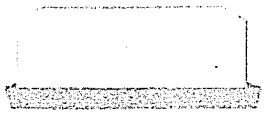
Cupcakes -
$2.99/each

Fresh pies -
$2.99/each









Unsalted Butter, 16 oz - $3.99

5 lb bag of flour - $2.89

One Dozen Eggs - $2.79

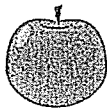
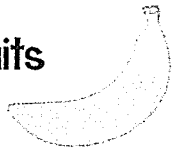
DinnerRolls -
$3.99/dozen

Coupon Page

Store Coupon	No Date

Sam's Supermarket

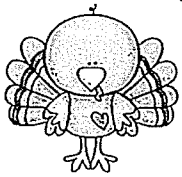
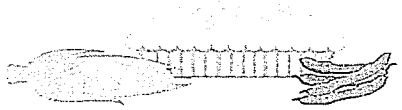
$2 off $10
worth of fresh fruits
and vegetables

Store Coupon	No Date

Great Grubs Grocery

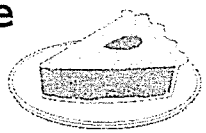
$5 off your next shopping trip
of $50 or more

Store Coupon	No Date

Sam's Supermarket

$1 off your bakery purchase
of $5 or more

Store Coupon	No Date

Sam's Supermarket

$2 off when you buy
5 lbs of potatoes and
a 10 lb or larger turkey

Store Coupon	No Date

Sam's Supermarket

$0.35 off
your next purchase of
one dozen eggs

Store Coupon	No Date

Sam's Supermarket

$0.50 off
two 64 oz bottles
of juice

Store Coupon	No Date

Sam's Supermarket

$0.25 off your next
5 lb bag of flour

Store Coupon	No Date

Sam's Supermarket

$0.25 off one box of butter,
16 oz or larger,