#	C	comparing, 252
0, 1, and 2 multiplication	Calendar, 396	converting to fractions,
facts, 88	Carrying	214
3/4/6/7/8 multiplication	in addition, 48	decimal point, 209
facts, 96	in multiplication, 347,	dividing by 10, 100, and
5 and 9 multiplication facts,	357	1000, 544
91	more than once, 188	dividing by a whole
	with decimals, 260	number, 540 dividing in the real
A	Centiliter, 448	world, 548
Acute angle, 135	Centimeter, 443	hundredths, 209
Acute triangle, 154	Century, 397	in words, 218
Addend, 25	Circles	money, 222, 227, 235
Addition	circumference, 323	multiplying, 516
addend, 25	defined, 322	multiplying by 10, 100,
associative property of	diameter, 322	and 1000, 520
addition, 52	radius, 322	multiplying in the real
carrying, 48, 188, 260	Circumference, 323	world, 524
commutative property of	Commutative property of addition, 25	regrouping, 264
addition, 25	Commutative property of	removing zeros, 529
decimals, 231, 256, 260	multiplication, 83	subtracting, 231, 268
268	Comparing	tenths, 209
defined, 25	decimals, 252	thousandths, 283
four-digit numbers, 188	fractions, 499	Decimeter, 443
fractions with different	whole numbers, 21	Denominator, 182
denominators, 508	Converting	Diameter, 322
fractions with the same	cents to dollars, 227	Difference, 29
denominator, 456 identity property of	decimals to fractions,	Digits, 8
addition, 25	214	Dividend, 300
mixed numbers, 474	fractions to decimals,	<b>Division</b> by 10, 100, and 1000,
more than two fractions,	214	544
512	improper fractions to	decimal by a whole
more than two numbers,	mixed numbers, 465	number, 540
52	metric lengths, 443	decimals in the real
sum, 25	metric liquids, 448	world, 548
two-digit numbers, 36	metric weight, 448	defined, 295
three-digit numbers, 56	roman numerals, 71, 75	dividend, 300
word problems, 67, 279	units of length, 430 units of liquid, 435	divisor, 300
Angles	units of fiquid, 433 units of time, 361, 397	in your head, 383
acute angle, 135	units of weight, 439	long division, 308
defined, 130	Counting numbers, 5	money, 548
intersect, 130	counting numbers, 5	quotient, 300
obtuse angle, 135	D	remainders, 308, 470
right angle, 135		three-digit answer, 372
vertex, 130	Day, 396	two-digit answer, 313,
Area, 177 Associative property of	Decade, 397 Decagram, 448	367
addition, 52	Decameter, 443	two-digit divisor, 376, 387
Averages, 407-408	Decimal point, 209	
111010GC09 707-T00	Decimals	word problems, 317, 402 word problems with a
D	adding, 231, 256, 260	remainder, 470
<b>B</b>	268	zeros in the quotient, 392
Borrowing, 194	adding a zero to the	Division box, 295
	answer, 536	Division sign, 295
	carrying, 260	<b>Divisor,</b> 300, 376, 387
	• 0	, , <del>,</del> ,

Dollar sign, 222	G	M
	Gallon, 435	<b>Meter,</b> 443
E	Geometry	Metric system
Endpoints, 125	angles, 130, 135	defined, 443
Equations, 557	area, 177	centiliter, 448
Equilateral triangle, 148	circles, 322	centimeter, 443
Equivalent fractions, 482,	endpoints, 125	decagram, 448
490	line, 125	decameter, 443
Estimate, 44	line segment, 125	decimeter, 443
Estimating	parallel lines, 141	gram, 448
defined, 44	perimeter, 171	hectometer, 443
four-digit numbers, 200	perpendicular lines, 141	kiloliter, 443
three-digit numbers, 60	polygons, 165	kilometer, 443
two-digit multiplication,	quadrilaterals, 165, 328-	liter, 448
339	329	meter, 443
two-digit numbers, 44	triangles, 148, 154	milligram, 448
when multiplying, 107	<b>Gram,</b> 448	millimeter, 443
Even numbers, 5	,	Midnight, 361
,	н	<b>Mile,</b> 430
F		Milligram, 448
·	Hectometer, 443	Millimeter, 443
Factors, 83	Hexagon, 165	Millions, 16
<b>Foot</b> , 430	Hours, 361	Minutes, 361
Fractions	Hundreds, 8	Mixed numbers
as percents, 419	Hundredths, 209	adding, 474
adding with different	_	converting from
denominators, 508	I	improper fractions, 465
adding with the same	Identity property of	defined, 461
denominator, 456	addition, 25	subtracting, 478
comparing, 499	Improper fractions	Money
converting from	converting to mixed	adding, 235
decimals, 214	numbers, 465	cents, 227
converting from	defined, 461	converting cents to
percents, 425	Inch, 430	dollars, 227
converting to decimals,	Inequality, 21	defined, 222
214	Inequality sign, 21	dollar sign, 222
converting to mixed	Intersect, 125	dollars, 227
number, 465	Isosceles triangle, 148	fractions of a dollar, 222
converting to percents,		multiplying in the real
425	K	world, 524
defined, 182	Kiloliter, 448	subtracting, 235
denominator, 182	Kilometer, 443	word problems, 279,
equivalent fractions, 482, 490	Timometer, 113	287, 291
improper fractions, 461	1	Months, 396
mixed numbers, 461	L	Multiples, 104
more than two, 512	Law of equivalent fractions,	Multiplication
numerator, 182	482	0, 1, and 2 facts, 88
reducing, 495, 503	Leap year, 397	5 and 9 facts, 91
subtracting with different	Line, 125	3/4/6/7/8 facts, 96
denominators, 508	Line segment, 125	a three-digit number, 110
subtracting with the	Liter, 448	a two-digit number, 100
same denominator, 456	Long addition, 36	as repeated addition, 83
same denominator, 750	Long division, 308, 313, 387	by 10, 100, and 1000,
	Long multiplication, 23, 26,	520
	334, 352 Long subtraction 36	carrying, 347, 357
	Long subtraction, 36	

commutative property of multiplication, 83 decimals, 516 decimals in the real world, 524 defined, 83 estimating, 107, 339 factors, 83 multiples of 10, 104 product, 83 rounding, 107, 339 three numbers, 122 three-digit numbers, 352 two-digit numbers, 334 word problems, 113	Polygons area, 177 defined, 165 hexagon, 165 octagon, 165 quadrilaterals, 165 parallelogram, 328 pentagon, 165 perimeter, 171 rectangle, 165, 329 rhombus, 328 square, 165, 329 trapezoid, 328 triangles, 148, 154 Population, 40	two-digit multiplication, 339 two-digit numbers, 44 three-digit numbers, 60 four-digit numbers, 200 when multiplying, 107 <b>S</b> Sample, 40 Scalene triangle, 148 Seconds, 361 Sequence, 5 Square area, 177
F,	<b>Pound,</b> 439	defined, 165
N	Product, 83	dimensions, 329 <b>Subtraction</b>
<b>Noon,</b> 361		decimals, 231, 268
Number line, 552	Q	defined, 29
Number patterns, 5	Quadrilaterals	denominator, 456
Numbers	defined, 165	difference, 29
even numbers, 5 mixed numbers, 461	parallelogram, 348 rectangle, 165, 329	fractions with different denominators, 508
numbers in words, 12	rhombus, 328	fractions with the same
odd numbers, 5	square, 165, 329	mixed numbers, 478
whole numbers, 5	trapezoid, 328	more than two fractions,
writing numbers, 8 <b>Numerator,</b> 182	<b>Quart,</b> 435	512
Numerator, 162	_	regrouping, 194, 243,
	D	240. 243
0	R Radius 222	248, 275 two-digit numbers, 36
Ohtuse angle, 130	Radius, 322	two-digit numbers, 36 three-digit numbers, 56
Obtuse angle, 130		two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 <b>Sum,</b> 25
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 <b>Sum,</b> 25
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328 Right angle, 135	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397 hours, 361
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412 defined, 412	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412 defined, 412 out of one hundred, 412	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328 Right angle, 135 Right triangle, 154 Roman numerals defined, 71	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397 hours, 361 leap year, 397 midnight, 361 minutes, 361
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412 defined, 412	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328 Right angle, 135 Right triangle, 154 Roman numerals defined, 71 numbers 1-39, 71	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397 hours, 361 leap year, 397 midnight, 361 minutes, 361 months, 396
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412 defined, 412 out of one hundred, 412 Perimeter, 171 Perpendicular lines, 141 Pint, 435	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328 Right angle, 135 Right triangle, 154 Roman numerals defined, 71 numbers 1-39, 71 numbers 40+, 75	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397 hours, 361 leap year, 397 midnight, 361 minutes, 361 months, 396 noon, 361
Obtuse angle, 130 Obtuse triangle, 135 Octagon, 165 Odd numbers, 5 Ounce liquid, 435 weight, 435  P Parallel lines, 141 Parallelogram, 328 Pentagon, 165 Percents as fractions, 419 converting from fractions, 412 converting to fractions, 412 defined, 412 out of one hundred, 412 Perimeter, 171 Perpendicular lines, 141	Radius, 322 Reducing fractions, 495, 503 Reducing zeros, 529 Regrouping decimals, 264 four-digit numbers in subtraction, 194 twice, 243 with zeros, 248 Rectangle area, 177 defined, 165 dimensions, 329 Remainders defined, 398 in word problems, 470 Rhombus, 328 Right angle, 135 Right triangle, 154 Roman numerals defined, 71 numbers 1-39, 71	two-digit numbers, 36 three-digit numbers, 56 whole numbers, 29 word problems, 67, 287 Sum, 25 Survey, 40  T Tally marks, 40 Tens, 8 Tenths, 209 Thousands, 8 Thousandths, 283 Time calendar, 396 century, 397 days, 396 decade, 397 hours, 361 leap year, 397 midnight, 361 minutes, 361 months, 396

<b>Ton,</b> 439	dividing, 300
Trapezoid, 328	dividing a decimal, 540
Triangles	dividing by 10, 100, and
e	1000, 544
acute triangle, 154	
defined, 148	multiplying by 10, 100,
equilateral triangle, 148	and 1000, 520
isosceles triangle, 148	subtracting, 29, 36, 275
obtuse triangle, 154	Word problems
right triangle, 154	addition, 67
scalene triangle, 148	division, 317, 402
Two-step word problems,	division with a
79	remainder, 470
	money, 279, 287, 291
U	multiplication, 113
•	multiplying money, 524
Unit conversions	subtraction, 67
defined, 361	two-step problems, 79
units of length, 430	two step proceeding, 75
units of liquid, 435	V
units of time, 361	У
units of weight, 439	<b>Yard,</b> 430
Units of length	<b>Year,</b> 396
foot, 430	
inch, 430	Z
mile, 430	
yard, 430	Zero
Units of liquid	adding zero to the
gallon, 435	answer, 530
ounce, 435	in a quotient, 390
pint, 435	multiplying with, 88
quart, 435	unnecessary zeros, 523
Units of time	
century, 397	
day, 396	
decade, 397	
hour, 361	
minute, 361	
month, 396	
second, 361	
week, 396	
year, 396	
Units of weight	
ounce, 439	
pound, 439	
ton, 439	
V	
Vertex, 130	
vertex, 150	
144	
W	
Weeks, 396	
Whole numbers	
adding, 25, 36, 188	
comparing, 5	
defined, 5	