

EXPONENTIATION WITH SMALL POSITIVE INTEGERS (E-5)  
**SOLUTIONS**

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|            |            |            |            |
|------------|------------|------------|------------|
| <b>69</b>  | <b>70</b>  | <b>71</b>  | <b>72</b>  |
| 0          | 0          | 0          | 0          |
| <b>73</b>  | <b>74</b>  | <b>75</b>  | <b>76</b>  |
| 0          | 0          | 0          | 0          |
| <b>77</b>  | <b>78</b>  | <b>79</b>  | <b>80</b>  |
| 0          | 0          | 0          | 0          |
| <b>81</b>  | <b>82</b>  | <b>83</b>  | <b>84</b>  |
| 1          | 1          | 1          | 1          |
| <b>85</b>  | <b>86</b>  | <b>87</b>  | <b>88</b>  |
| 1          | 1          | 1          | 1          |
| <b>89</b>  | <b>90</b>  | <b>91</b>  | <b>92</b>  |
| 1          | 1          | 1          | 1          |
| <b>93</b>  | <b>94</b>  | <b>95</b>  | <b>96</b>  |
| 1          | 1          | 1          | 1          |
| <b>97</b>  | <b>98</b>  | <b>99</b>  | <b>100</b> |
| 128        | 16         | 128        | 512        |
| <b>101</b> | <b>102</b> | <b>103</b> | <b>104</b> |
| 8          | 16         | 32         | 16         |
| <b>105</b> | <b>106</b> | <b>107</b> | <b>108</b> |
| 1          | 4          | 2          | 16         |
| <b>109</b> | <b>110</b> | <b>111</b> | <b>112</b> |
| 128        | 1024       | 64         | 128        |
| <b>113</b> | <b>114</b> | <b>115</b> | <b>116</b> |
| 10000      | 10         | 100        | 100        |
| <b>117</b> | <b>118</b> | <b>119</b> | <b>120</b> |
| 10         | 100000     | 1          | 1000       |
| <b>121</b> | <b>122</b> | <b>123</b> | <b>124</b> |
| 10000      | 1000000    | 10000      | 1000000    |
| <b>125</b> | <b>126</b> | <b>127</b> | <b>128</b> |
| 1          | 10         | 10000      | 100        |
| <b>129</b> | <b>130</b> | <b>131</b> | <b>132</b> |
| 2          | 243        | 27         | 8          |
| <b>133</b> | <b>134</b> | <b>135</b> | <b>136</b> |
| 81         | 8          | 729        | 8          |